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WEATHER CROPS AND MARKETS

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Review.

The cattle trade maintained general steadiness during the week with the exception of declines on beef heifers and thin yearlings. The hog market was weak and declines general, with selected lights going to lowest prices since November 1, 1922. Sheep and lamb advances were stimulated by lighter receipts. Fresh meat prices were mostly weak to lower. Supplies were ample for the demand except those of mutton, which were scarce.

Butter markets were weak and unsettled during the week ending April 28. Supplies not so burdensome, but fear of a surplus on a declining market kept dealers anxious to avoid any accumulation. Buyers were equally cautious and took only for immediate trade requirements. Foreign butter also kept markets nervous. The week's imports were light; but with foreign markets reported weak, there is probability of further imports unless prices recede.

Cheese markets were inactive despite advances on Wisconsin Cheese Boards early in the week, which at the time indicated a slightly firmer feeling. Buyers showed no interest at the higher prices and dull trading resulted. Stocks consigned at lower prices than those ruling during the week were used to some extent in meeting local trade requirements at numerous points.

The price movement of cotton showed sensational advances on Wednesday and almost equally drastic declines on Saturday. On Wednesday, largely under the influence of optimistic reports from Liverpool and reports of unfavorable weather in the Cotton Belt, the average of the quotations for Middling cotton in 10 designated spot markets advanced 67 points and May future contracts at New York gained 91 points.

More favorable weather reports from the belt and the unsettled condition of the cotton-goods markets were held largely responsible for the lack of demand and resulting heavy declines on Saturday. At the end of the week the average price of Middling in 10 spot markets, 27.65¢ per lb., was 44 points higher, and May future contracts at New York, which closed at 28.13¢, were 108 points higher than at close of the previous week.

Wheat prices declined as weather conditions improved in the winter wheat area. Corn showed independent strength on active consuming demand. Stocks light. Exports of principal grains show marked increase over previous week.

Hay markets continued firm for best grades of timothy. Clover and heavy mixtures dull. Prairie prices at Kansas City made sharp declines from recent high prices. Supply of alfalfa light and prices continued firm.

Feedstuffs prices held firm during the week with the exception of oil meals, which showed an easier tendency. Backward spring weather was responsible for unusually good feeding demand and narrowing of discounts for deferred deliveries under spot and transit stuff. Production and shipments generally heavy.

Seed trade was fairly active during the week ending April 28. Prices for most seeds were unchanged. Red clover prices were somewhat lower in a few markets while millet and Sudan grass prices were higher. Alfalfa, sweet clover, cowpea, and soy bean prices were firm at the preceding week's levels. In general, seed sales for April showed considerable improvement over the March business and there were more advances in prices than declines. The season in a number of sections is two weeks late.

Shipments of fruits and vegetables slowed down during the last week of April. Movement had been running 10,000 or 11,000 cars per week, but decreased to 9,200 cars. Old onions are rapidly cleaning up. Forwardings of old potatoes were 2,300 cars less than the preceding week, a natural reaction from the very heavy movement earlier in April. New potatoes suffered a sharp price decline along with other stock. High-quality apples are not plentiful and demand for best stock continued strong, with prices advancing. Total apple shipments for this season probably will exceed 110,000 cars, compared with 88,300 last season and 109,300 two years ago.

Shipments of Louisiana Strawberries reached the peak during the week ended April 28, but total shipments to that date were only about 70 per cent of the movement to the same time last year. Quality of the shipments have shown considerable improvement, due in part to shipping-point inspection service.

The Northern Colorado Potato Market reached top prices for the season on April 18. Shipments have increased, although total shipments to April 14 were somewhat less than up to the same date last year. Most growers in that section are now busy with spring cultivation.

Weather Conditions Were Generally Favorable for agriculture during the week ended May 1. Field work progressed under the warmer weather, oat seeding is nearing completion, and cotton planting is under way. Southern truck crops also show general improvement.

Live Stock and Meats

Fat Lambs Reach New High Points.

Beef steer prices during the week ending April 28 showed little change from a week earlier, although receipts were emphatically increased. Better grades closed firm, but too many thinly-fleshed yearlings were marketed, resulting in declines of 25¢–40¢. Beef heifers lost about 25¢. With these exceptions the trade maintained steadiness. Interest on the part of finishers for stocker and feeder steers was considerably revived. Fat steers at Chicago sold upward to $10.40, the highest since April 5. New York State finishers were rather liberal buyers of stockers and feeders.

Hog prices continued to decline. The top price at the low time fell to $8, the lowest since last November. Average prices at Chicago were considerably under the $8 mark, being $7.71 on Wednesday. Packing grades showed the most loss, but small and spasmodic buying by shippers caused light hogs to decline sharply, thus contracting the price range between these and heavier butchers. But as packing sows fell further than lights and butchers, a seasonal development, the general price range reflected expansion. On closing sessions a sharp upward reaction in prices restored most of the earlier losses.

FAT LAMBS AT HIGH POINT.

Fat lambs reached the $15 mark, a price which disappeared several weeks ago. Old crop offerings comprised the bulk of receipts. Shorn kinds were proportionately numerous. Weighty arrivals did not advance as much as handy weights. Exporters continued to take weighty shorn lambs. Fat-sheep prices advanced 25¢–50¢, probably influenced by scarcity, since sheep values usually decline with the arrival of higher temperatures. Relatively few spring lambs were offered locally, none reaching Chicago from the Western coast.

Receipts at 10 large markets were approximately as follows:

Week.	Cattle.	Hogs.	Sheep.
Apr. 23–28, 1923	183,600	579,200	212,100
Apr. 16–21, 1923	178,349	689,259	235,294
Apr. 24–29, 1922	177,331	504,595	228,226

Cattle.—Most arrivals consisted of beef steers and yearlings. The proportionately large supply of yearlings tended to bear out recent Government figures showing a large percentage of light cattle on feed. While a liberal sprinkling of the fat steer receipts had had a comparatively long feeding period and were well-conditioned, the relatively large supply of half-fat, and, in many instances, merely warmed-up kinds, suggested readiness on the part of finishers to escape high feed bills. Better grades of beef steers continued to sell about $1 higher than the corresponding time a year earlier. Lower grades, however, did not reflect as much gain over that time.

The supply of long-fed steers eligible to $10–$10.25 was relatively only a handful compared with the number selling from $8.75–$9.50. A modest proportion of the weighty steers made $9.75–$9.90. This range included 1,638-pound averages at $9.85. The $10.40 steers were Illinois-fed and averaged 1,312-pounds. Kansas arrivals sold upward to $10.15. Best yearlings topped for their class at $10.10. Relatively few weighty steers cashed under $8.25, but the number of thin-fleshed and often low-quality light yearlings under that price was fairly abundant.

GOOD DEMAND FOR STOCKERS AND FEEDERS.

The bulk of stockers and feeders turned at $6.50–$7.75. Offerings in the fresh receipts were small, but demand was sufficiently broad to absorb most of these and many that had accumulated during recent weeks when the outlet was indifferent. Many feeder steers cashed at around $7–$7.25. Half-fat selected feeders went to Mineral Point, Wis., upward to $9.25. There was a demand generally for stock cows and heifers and for stock calves.

Most fat cows sold for $5.25–$7. A few strictly choice Koshers made $8.50. Offerings at $7.25–$7.50 in many instances lacked choice finish. Killing quality of she stock was mainly mediocre. Few light heifers had sufficient corn to reach $8.75, although a few lots made $9. The bulk of heifers brought $6.75–$7.50, strong-weight cutters sold upward to $4.50, and canners were most numerous at $3–$3.50. Better grades especially registered the down turn.

Advancing 15¢–25¢, heavy bologna bulls touched $5.50, although the bulk met fairly active outlet to shippers and local killers at $5.25–$5.35. Few light sausage bulls sold under $5. Heavy beef bulls made mostly $5.25–$5.75, lighter kinds touching $7 and above, if yearling characteristics were apparent.

Packers absorbed the bulk of veal calves at $8–$8.50, trade in vealers holding practically steady with the previous week. Considerable demand was manifested by small killers and shippers for strictly choice 140–180-pound vealers at $10–$10.50.

Hogs.—Although total receipts of hogs were practically the same as during the previous week when runs were comparatively moderate, trading lacked the usual snap necessary to make satisfactory markets. There was a decidedly weak undertone to the market until Friday. The low point of the week was reached on Thursday when selected lights sold at $8, which was the lowest record since November 21, 1922. The closing top price was $8.30.

Quality was very ordinary especially on the lighter weight classes. This fact handicapped shippers who were trying to make up fancy droves of light hogs suitable for eastern shipments. Light shipping was responsible for considerable price discrimination early in the week on hogs averaging 160–210 pounds and the spread in prices between this class and butcher grades was narrowed to some extent. Butcher grades declined somewhat, but not as much as other classes.

Packing sows were almost unsalable during the early part of the week, but closed in good demand. Much unevenness featured the pig market during the week and closing levels were considerably lower than a week previous.

LIGHT RECEIPTS OF SHEEP.

Sheep.—Lighter receipts assisted sellers in boosting values, and lambs closed the week 40¢–50¢ higher than a week earlier. Heavy clipped lambs suffered some unevenness because exporters were absent from the trade on some sessions. Receipts were largely Colorado-fed lambs, including several loads of Navajo origin, and a very liberal proportion of the lambs arrived shorn. The top price was $15 which was the peak price almost every day. The bulk of the Colorado lambs sold at $14.75–$15, and the Navajo lambs, which lacked considerably in finish, cleared largely at $13.65–$14, with a few loads making $14.25 at the close. The bulk of the clipped offerings brought $11–$12, but occasional shipments of choice handyweight kinds went above that figure. Heavier clipped lambs sold from $10.50–$10.75, and extreme weights sold downward from $10.50. Exporters took a few loads of 104–106-pound averages of very choice grade at $10.50, and heavier lambs at $10.15–$10.35. No California spring lambs were marketed either at the River Points or Chicago, but native new crop lambs arrived at Chicago and brought $17–$17.50, while similar lambs brought $15–$15.50 at Omaha and $14.75–$15.25 at Kansas City.

Yearling wethers were seasonally scarce and marketings were confined mostly to those of Navajo origin. Clipped 88-pound yearlings made $10 with heavier kinds selling downward from $9.50.

Sheep were offered in very limited numbers and advanced during the week about 25¢–50¢. The heavy clipped aged stock made the most gain. No choice handyweight wooled ewes were offered. Shorn ewes cashed at $7–$8, the latter price being paid for choice 95-pound descriptions. Aged shorn wethers averaging 150-pounds and more sold for $7.50, which was 50¢ higher than at the close of the previous week.

Receipts, Shipments, and Local Slaughter.

Week of April 23–28, 1923, with Comparisons.

Market.	Cattle and calves.			Hogs.			Sheep.		
	Receipts.	Shipments.	Local slaughter.	Receipts.	Shipments.	Local slaughter.	Receipts.	Shipments.	Local slaughter.
Chicago	80,001	19,536	60,465	155,106	26,939	128,167	65,135	18,675	46,460
Denver [1]	5,744	2,333	3,105	9,658	2,473	7,659	16,440	18,531	5,377
East St. Louis	18,048	4,840	14,312	87,170	34,282	52,793	4,335	.....	3,195
Fort Worth	17,119	7,872	5,939	9,065	2,574	5,508	5,666	1,937	3,903
Indianapolis [1]	10,283	4,787	5,037	42,777	14,496	27,515	468	.....	561
Kansas City	34,903	15,253	22,890	64,056	14,058	50,815	32,769	4,645	28,660
Oklahoma City	3,205	1,581	2,085	6,744	669	6,269	171	142	31
Omaha	34,153	11,805	21,421	54,008	11,139	42,578	47,542	4,174	39,505
St. Joseph [1]	13,483	5,320	8,369	34,955	8,301	27,611	22,224	2,969	19,389
St. Paul [1]	21,181	6,022	15,590	52,579	6,789	46,172	1,346	5	1,124
Sioux City	14,582	6,858	8,696	35,520	15,889	22,951	3,044	1,673	1,326
Wichita [1]	18,653	17,480	1,082	10,257	625	9,143	295	.....	296
Total	271,358	103,695	168,992	561,906	138,225	427,172	199,436	52,751	149,827
Total: Apr. 16–21, 1923	251,505	84,320	165,560	691,011	164,047	517,198	239,910	71,453	160,143
Apr. 24–29, 1922	259,543	92,711	150,955	491,104	121,684	363,381	225,896	91,089	135,955

[1] Week ending Friday, Apr. 27.

Weak Market for Meats.

(Boston, New York, Philadelphia, and Chicago.)

Prices on most classes of fresh meats at eastern markets and Chicago were weak to lower during the week ending April 27, but light and medium weight pork loins made slight gains during the week. Receipts of beef and veal were fairly liberal, lamb and pork about normal, and mutton light. The arrival of 1,380 quarters of Argentine fresh beef at New York had little apparent effect on the market.

Beef.—All grades of steer beef were included in the receipts at eastern markets but the general quality was lower than for several preceding weeks. Small lots of light common steers of poor quality were offered at New York and Philadelphia, but found only a limited outlet. Although hindquarters and hinds and ribs were strong to higher this gain was offset by weakness and lower prices for chucks and rattles, which resulted in slightly lower carcass prices than for the preceding week. Cow receipts were light to moderate. Fresh Argentine cow beef of medium grade sold largely for $10.25–$11 at New York with a limited demand. At Chicago choice steer beef was scarce and offerings of good grade limited. Common and medium grades which sold slightly lower than during the preceding week formed the bulk of supplies. Steer lots continued to include a liberal percentage of heifers of equal quality. Cow beef offerings were largely of medium grade.

The supply of bull carcasses at eastern markets continued light, demand was slow and prices steady. At Chicago higher live costs and a light supply were reflected in prices of the dressed product. Kosher beef prices were irregular at the different markets: New York lost around $1 per 100 pounds, Boston advanced that amount, while Chicago and Philadelphia prices remained mostly unchanged.

Veal.—Receipts of veal were seasonally liberal, including heavy shipments of country-dressed calves at New York and Chicago. Several cars of Canadian veal were included in the receipts at New York. Quality was only fair, the bulk being of medium and common grades. At Chicago the demand early in the week was sufficient to advance prices, but later trade was light and the advance was lost, and further declines were made on some grades.

Lamb.—The lamb market held fairly steady except at New York where declines occurred on all grades. Few spring lambs were available at eastern markets or Chicago, and most of those offered lacked finish. A few of choice grade sold up to $35 per 100 pounds at New York which was much above the bulk of sales. Light lambs were offered more freely than for several weeks. Frozen Argentine lamb of choice grade sold from $18–$20 at eastern markets.

Mutton.—Receipts of mutton were light, although considerably greater than for several weeks. The supply, however, was greater than the demand and prices at eastern markets had a weak undertone. Frozen Argentine mutton was weak to $1 lower than for the preceding week with few sales up to $14 at Boston while $13 was the practical top at New York. At Chicago the light receipts moved fairly readily at unchanged prices. Strictly good grade kinds were comparatively scarce at that market.

Pork.—Light pork loins were in good demand and medium weights were used as a substitute on account of the scarcity of the former at eastern markets. Prices on these showed gains for the week, but heavy loins and other fresh cuts sold slowly at weak to lower prices. At Chicago the moderate offerings sold well throughout the week at mostly steady prices. Slight advances were made late in the week on loins because of light offerings.

Chicago Wholesale Prices of Cured Pork and Pork Products.

Week of April 23–28, 1923, with Comparisons.

Commodity.	Apr. 23–28, 1923.	Apr. 16–21, 1923.	Apr. 24–29, 1922.	3-year average.[1]
	Per 100 lbs.	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*
Hams No. 1, smoked, 14–16 lbs. average	$22.50	$22.00	$31.00	$31.50
Hams No. 2, smoked, 14–16 lbs. average	20.00	20.00	28.75	29.00
Picnics, smoked, 4–8 lbs. average	12.75	13.25	16.88	17.54
Bacon No. 1, 6–8 lbs. average	30.50	30.50	33.50	41.08
Bacon No. 2, 6–8 lbs. average	22.50	22.00	26.00	29.92
Bellies, dry salt, 14–16 lbs. average	13.88	14.25	15.75	17.88
Backs, dry salt, 14–16 lbs. average	10.88	11.00	11.62	14.21
Pure lard, tierces	13.25	13.80	12.62	15.75
Compound lard, tierces	14.00	14.25	13.25	15.25

[1] Based on average prices for the following weeks: Apr. 26–May 1, 1920, Apr. 25–30, 1921, Apr. 24–29, 1922.

Average Wholesale Prices of Western Dressed Fresh meats.

Week of April 23–28, 1923, with Comparisons.

Kind and grade.	Chicago.				New York.			
	Apr. 23–28, 1923.	Apr. 16–21, 1923.	Apr. 24–29, 1922.	Three-year average.[1]	Apr. 23–28, 1923.	Apr. 16–21, 1923.	Apr. 24–29, 1922.	Three-year average.[1]
Beef and Veal.								
Beef:	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*	*Per 100 lbs.*
Steer—								
Choice	$16.50	$16.50	$14.95	[2]$16.62	$15.80	$15.70	$15.25	[2]$16.85
Good	14.80	14.90	14.20	16.78	14.90	14.70	14.50	17.57
Medium	13.25	13.25	13.05	15.45	13.75	13.60	13.75	16.33
Common	11.50	11.50	11.50	13.85	12.00	12.50	13.25	14.53
Cow—								
Good	11.50	11.50	10.75	14.10	12.75	12.60	11.50	15.03
Medium	9.80	10.00	9.75	12.93	11.75	11.60	10.50	13.82
Common	8.90	9.00	8.75	11.68	10.75	10.75	9.75	[3]12.28
Bull—								
Medium	.....	.....	.....	.....	9.50	.....	9.50	[3]13.25
Common	8.08	7.85	7.48	9.99	8.34	.....	8.50	11.37
Veal:								
Choice	17.30	16.70	14.90	18.83	16.90	16.70	16.00	[2]18.92
Good	15.30	15.10	13.90	17.53	14.90	14.90	13.50	20.00
Medium	13.30	12.50	12.05	15.38	12.40	12.50	12.50	18.13
Common	10.10	9.50	8.40	12.27	10.25	10.35	10.50	15.87
Fresh Pork Cuts.								
Hams:								
12–16 lbs. average	17.00	18.00	26.00	[2]24.25	19.00	19.00	27.00	[2]25.85
Loins:								
8–10 lbs. average	16.15	15.70	24.30	26.97	17.85	16.85	24.90	28.43
10–12 lbs. average	15.10	14.50	23.10	25.37	16.75	15.85	23.90	26.57
12–14 lbs. average	13.65	13.50	21.40	23.60	14.70	14.75	22.90	25.37
14–16 lbs. average	12.70	12.60	19.40	21.53	13.30	13.40	21.90	23.63
16 lbs. and over	11.85	11.60	17.60	16.75	12.50	12.45	20.90	[2]19.80
Shoulders:								
Skinned	10.75	10.85	15.35	17.07	12.00	11.90	15.50	18.53
Picnics—								
4–6 lbs. average	9.50	10.05	14.15	14.88	10.50	10.50	.....	.....
6–8 lbs. average	8.50	9.40	13.65	13.92	9.50	9.50	14.50	17.30
Butts:								
Boston style	11.30	11.75	17.35	19.85	13.00	13.30	19.00	21.23
Spare ribs	7.60	8.25	11.90	[2]10.88	11.00	11.50	13.50	[2]13.50
Lamb and Mutton.								
Lamb:								
Choice	23.90	24.00	30.70	28.57	24.80	25.00	33.40	29.73
Good	21.70	22.00	29.50	26.83	23.80	24.00	31.00	27.70
Medium	19.50	19.10	28.00	25.00	22.30	22.50	27.50	25.49
Common	18.00	17.20	24.70	22.07	.....	20.50	26.00	[3]25.85
Spring lamb	27.00	26.80	.....	.....	29.00	29.00	.....	.....
Mutton:								
Good	14.50	14.50	19.50	19.50	17.30	17.50	21.80	20.33
Medium	12.50	11.50	18.50	18.00	16.10	15.70	19.50	18.27
Common	10.00	9.70	14.75	15.25	13.62	13.20	18.00	15.95

[1] Based on average prices for the following weeks: Apr. 26–May 1, 1920; Apr. 25–30, 1921; Apr. 24–29, 1922.
[2] Average for two years; does not include 1920, when prices were highest.
[3] Average for two years; does not include 1921, when prices were lowest.

Estimated Yield and Production of Animal By-products from Slaughter Under Federal Inspection.

March, 1923, with Comparisons.

Class.	Average wt. per animal.		Per cent of live weight.		Production.				
	Mar. 1, 1922, to Feb. 28, 1923.	Mar., 1923.	Mar. 1, 1922, to Feb. 28, 1923.	Mar., 1923.	Mar. 1, 1922, to Feb. 28, 1923.	Mar. average, 1921–22.	Mar., 1922.	Mar., 1923.	Per cent Mar., 1923, is of average.
	Lbs.	*Lbs.*	*P. ct.*	*P. ct.*	*1,000 lbs.*	*1,000 lbs.*	*1,000 lbs.*	*1,000 lbs.*	*P. ct.*
Edible beef fat [1]	38.47	42.58	3.94	4.38	342,179	30,678	31,536	29,279	95.44
Edible beef offal	27.41	28.42	2.81	2.92	242,548	18,016	18,635	19,543	108.48
Cattle hides	65.53	65.21	6.70	6.70	579,511	43,695	45,812	44,841	102.62
Edible calf fat [1]	1.21	.96	.70	.65	5,044	374	388	353	91.39
Edible calf offal	6.32	6.13	3.73	4.12	26,860	2,087	2,239	2,250	108.10
Lard [2]	36.69	39.86	16.20	17.50	1,650,638	119,988	125,826	192,834	160.71
Edible hog offal	5.07	4.75	2.24	2.08	228,697	17,079	18,137	22,980	134.55
Pork trimmings	10.16	9.51	4.48	4.17	458,118	31,184	34,170	46,007	147.53
Inedible grease [2]	3.05	3.12	1.34	1.37	136,953	9,620	10,321	15,094	156.90
Edible sheep fat [1]	2.43	2.81	3.00	3.30	26,499	2,880	2,470	2,747	95.38
Edible sheep offal	1.72	1.58	2.13	1.86	18,919	1,778	1,415	1,544	86.84

[1] Unrendered. [2] Rendered.

Weights and Prices of Stocker and Feeder Steers at Chicago.

Week of April 23-28, 1923, wth Comparisons.

Weight ranges.	Number of head.			Per cent of total by weight ranges.			Average weight (pounds).			Price per 100 pounds.		
	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.
1,001 lbs. up	573	176	526	14.8	6.9	22.5	1,119	1,091	1,111	$8.56	$8.47	$7.86
901-1,000 lbs	410	235	474	10.6	9.2	20.3	943	958	948	7.84	7.68	7.70
801-900 lbs	850	458	364	21.9	17.9	15.6	829	839	830	7.24	7.26	7.62
701-800 lbs	866	309	588	22.3	12.1	25.1	736	749	760	7.28	7.23	7.19
700 lbs. down	1,181	1,376	385	30.4	53.9	16.5	614	614	574	6.42	6.94	7.33
Total	3,880	2,554	2,337	100.0	100.0	100.0	798	739	860	7.4[illegible]	7.28	7.58

Beef Steers Sold Out of First Hands for Slaughter at Chicago.

Week of April 23-28, 1923, with Comparisons.

Grade.	Number of head.			Per cent of total by grade.			Average weight (pounds).			Price per 100 pounds.		
	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.
Choice and prime	2,878	2,281	2,541	8.8	7.8	7.6	1,268	1,273	1,191	$9.87	$9.98	$8.82
Good	10,795	9,947	8,612	32.7	34.1	25.5	1,176	1,182	1,160	9.31	9.28	8.36
Medium	14,456	12,684	18,559	43.8	43.5	55.0	1,006	996	1,085	8.56	8.48	7.84
Common	4,840	4,244	4,019	14.7	14.6	11.9	822	902	937	7.67	7.59	7.30
Total	32,969	29,156	33,731	100.0	100.0	100.0	1,058	1,067	1,094	8.87	8.81	8.01

Average Prices of Live Stock, Week of April 23-28, 1923, with Comparisons.

Kind and grade.	Chicago.				East St. Louis.				Fort Worth.[1]		Kansas City.				Omaha.				South St. Joseph.[2]		South St. Paul.[3]		
	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	3-year average.[4]	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	3-year average.[4]	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	3-year average.[4]	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	3-year average.[4]	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.
Cattle.																							
Beef steers:	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.
Med. and heavy wt. (1,101 lbs. up)—																							
Choice and prime	$10.04	$10.06	$8.94	$10.44	$10.06	$10.00	$8.89	$10.31	.....	.....	$9.72	$9.66	$8.68	$9.96	$9.50	$9.50	$8.37	$9.83	$9.65	$9.72	.....	.....	.....
Good	9.40	9.36	8.41	9.68	9.42	9.35	8.36	9.70	$7.88	$7.88	8.98	8.92	8.16	9.23	8.75	8.75	7.90	9.14	8.90	9.00	$8.75	.....	$7.88
Medium	8.62	8.54	7.89	9.06	8.50	8.42	7.70	8.88	7.00	7.00	8.37	8.34	7.72	8.66	8.12	8.12	7.40	8.47	8.24	8.37	8.00	$8.00	7.12
Common	7.60	7.46	7.22	8.41	7.32	7.29	6.80	8.07	5.38	5.38	7.54	7.50	7.13	7.91	7.12	7.12	6.78	7.81	7.32	7.38	7.00	7.00	6.50
Light wt. (1,100 lbs. down)—																							
Choice and prime	9.96	9.98	9.04	10.58	9.98	9.86	8.89	10.42	.....	.....	9.64	9.66	8.70	10.15	9.50	9.50	8.46	9.93	9.65	9.72	.....	.....	.....
Good	9.29	9.27	8.52	9.78	9.30	9.12	8.34	9.69	7.75	7.75	8.80	8.86	8.18	9.28	8.75	8.75	7.93	9.19	8.86	8.92	8.75	.....	7.88
Medium	8.48	8.43	7.92	9.07	8.36	8.22	7.69	8.90	6.62	6.62	8.00	8.06	7.72	8.63	8.00	8.00	7.40	8.54	8.06	8.06	8.00	8.00	7.12
Common	7.40	7.34	7.19	8.23	7.12	7.07	6.80	7.95	5.00	5.00	7.04	7.06	7.01	7.81	6.88	6.88	6.78	7.68	7.08	7.06	6.88	6.88	6.38
Butcher cattle:																							
Heifers, com. to choice	7.67	7.68	7.08	8.29	7.50	7.48	7.02	8.75	5.50	5.50	6.62	6.64	6.46	7.62	6.75	6.75	6.23	7.37	6.75	7.00	6.95	7.00	6.50
Cows, com. to choice	6.24	6.14	5.94	7.28	6.30	6.12	5.62	6.97	4.75	4.75	5.85	5.81	5.49	6.84	6.18	6.04	5.52	6.75	5.90	6.00	5.88	5.88	5.50
Bulls, bologna and beef	6.05	5.88	5.38	6.89	5.82	5.68	5.12	6.50	3.75	3.75	5.32	5.22	4.35	5.95	5.53	5.42	4.42	6.14	5.32	5.42	4.75	4.75	4.62
Canners and cutters:																							
Cows and heifers	3.88	3.82	4.00	4.54	3.58	3.66	3.72	4.37	2.75	2.75	3.50	3.52	3.66	4.20	3.98	3.78	3.65	4.10	3.50	3.50	3.38	3.38	3.38
Canner steers	4.62	4.62	4.82	5.27	4.12	4.12	3.92	4.73	2.75	2.75	4.00	4.00	3.95	4.63	.....	.....	3.90	4.68	.....	.....	4.12	4.12	3.50
Veal calves:																							
Light to med. wt., med. to choice	8.95	8.92	6.92	9.46	7.62	7.68	6.70	9.25	7.88	7.88	7.55	7.22	7.28	9.60	8.48	7.78	8.12	9.80	7.30	6.95	6.35	6.18	5.25
Heavy wt., com. to choice	6.22	6.02	5.65	6.85	6.25	6.25	6.05	7.70	5.38	5.45	6.25	6.00	6.32	7.18	6.50	6.05	6.15	7.18	5.75	5.70	5.00	4.90	4.50
Feeder steers:																							
1,001 lbs. up, com. to choice	7.25	7.31	6.84	8.17	7.50	7.45	6.68	7.88	5.75	5.75	7.30	7.38	7.00	8.28	7.18	7.27	6.85	8.13	7.32	7.32	6.60	6.48	6.00
750-1,000 lbs., com. to choice	7.00	7.10	6.82	8.00	7.25	7.20	6.25	7.61	5.50	5.50	7.25	7.32	7.00	8.08	7.00	7.08	6.60	7.83	7.32	7.32	6.35	6.22	5.62
Stock cattle:																							
Steers, com. to choice	6.38	6.45	6.67	7.37	6.25	6.25	6.00	6.89	5.38	5.38	6.80	6.80	6.75	7.24	6.38	6.40	6.58	7.33	6.62	6.62	5.98	5.85	5.50
Cows and heifers, com. to choice	4.75	4.75	4.98	5.95	4.75	4.75	4.82	5.70	3.75	3.75	4.68	4.75	5.08	5.86	4.50	4.42	5.20	5.71	4.62	4.62	4.50	4.48	4.32
Calves, good and choice	.....	.....	.....	.....	.....	.....	6.25	7.61	6.12	6.12	7.50	7.50	7.32	8.11	7.12	7.12	7.18	8.19	.....	.....	.....	.....	.....
Calves, com. and med.	.....	.....	.....	.....	.....	.....	5.00	6.29	3.88	4.10	5.62	5.62	5.80	6.08	5.38	5.38	5.88	6.50	.....	.....	.....	.....	.....
Hogs.																							
Top (highest price, not average)	8.30	8.65	10.75	15.70	8.35	8.65	10.65	16.00	7.80	8.25	7.80	8.30	10.35	15.00	7.7[illegible]	8.05	10.15	15.25	7.80	8.15	7.90	8.10	10.20
Bulk of sales	7.82	8.13	10.33	11.01	8.00	8.25	10.42	11.33	7.55	7.96	7.61	7.91	10.05	10.63	7.50	7.73	9.88	10.48	7.60	7.76	7.55	7.91	9.95
Heavy (251 lbs. up) med. to choice	7.69	8.02	10.34	10.81	7.83	8.08	10.29	10.93	7.58	7.89	7.61	7.93	10.03	10.42	7.50	7.74	9.88	10.42	7.56	7.83	7.41	7.83	9.88
Medium (201-250 lbs.) med. to choice	8.00	8.27	10.50	11.23	8.02	8.25	10.40	11.28	7.61	7.91	7.70	7.96	10.14	10.66	7.55	7.76	9.98	10.74	7.62	7.88	7.60	7.95	10.00
Light (151-200 lbs.) com. to choice	8.01	8.28	10.58	11.38	8.07	8.30	10.42	11.39	7.42	7.80	7.52	7.78	10.07	10.82	7.45	7.63	10.02	10.84	7.60	7.85	7.67	8.00	10.08
Light lights (130-150 lbs.) com. to choice	7.54	7.68	10.34	11.16	7.50	7.83	10.34	11.13	6.89	7.38	7.34	7.43	9.92	[5]8.84	.....	.....	9.75	[6]12.08	.....	.....	7.56	7.80	10.09
Packing sows:																							
Smooth (250 lbs. up)	6.70	7.06	9.61	9.82	6.22	6.81	8.90	9.16	6.54	6.81	6.47	6.91	8.85	9.22	6.50	6.82	9.37	9.81	6.40	6.92	6.04	6.90	9.17
Rough (200 lbs. up)	6.28	6.77	9.29	9.35	6.08	6.70	8.55	8.80	5.65	5.75	6.36	6.81	8.55	8.70	6.32	6.62	9.04	9.39	6.31	6.79	5.92	6.62	8.79
Pigs (130 lbs. down) med. to choice	6.92	7.22	9.79	10.51	6.51	6.51	9.83	10.32	5.38	5.42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.31	7.42	11.05
Stock pigs (130 lbs. down) com. to choice	.....	.....	.....	.....	5.83	6.02	9.48	9.50	.....	.....	6.76	6.92	10.01	10.52	6.10	6.31	9.75	10.22	.....	.....	7.60	7.78	10.95
Sheep.																							
Lambs:																							
84 lbs. down, med. to prime	13.96	13.68	13.62	13.82	13.68	13.68	12.76	13.39	13.00	13.00	13.61	13.61	14.73	14.32	13.78	13.54	14.66	14.05	13.73	13.60	13.40	13.11	12.54
85 lbs. up, med. to prime	.....	.....	13.25	[5]11.62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.42	13.65	.....	.....	.....	.....	.....
Culls and common	11.25	11.12	10.62	10.96	11.12	11.12	10.50	11.50	10.00	10.00	11.12	11.12	11.35	11.56	11.45	11.22	11.90	11.61	11.35	11.25	10.75	10.75	9.62
Feeder, med. to choice	.....	.....	.....	.....	.....	.....	.....	.....	12.12	12.12	.....	.....	.....	.....	13.30	13.25	12.50	11.76	.....	.....	.....	.....	.....
Yearling wethers, med. to prime	11.62	11.62	11.40	11.73	11.25	11.25	10.70	11.48	10.75	10.75	11.33	11.32	12.60	12.18	11.38	11.38	12.32	11.65	11.35	11.30	10.82	10.75	10.62
Wethers, med. to prime	9.38	9.38	9.02	9.88	8.62	8.62	8.25	9.23	7.50	7.50	9.64	9.54	9.00	9.81	8.75	8.75	10.12	9.92	9.08	8.88	8.95	8.88	8.25
Ewes, med. to choice	8.12	8.12	8.22	8.87	7.88	7.82	6.98	8.27	6.25	6.25	8.51	8.42	8.22	9.19	8.00	7.98	8.28	8.84	8.07	7.92	7.82	7.60	7.35
Ewes, culls and common	5.38	5.38	5.02	5.55	4.50	4.40	3.75	[5]3.59	3.38	3.38	5.38	5.32	5.08	5.87	5.25	5.25	5.25	5.50	4.85	4.75	5.00	4.65	3.98

[1] Fort Worth began reporting Jan. 15, 1923.
[2] South St. Joseph began reporting in June, 1922.
[3] South St. Paul began reporting in November, 1920.
[4] Based on average prices for the following weeks: Apr. 26-May 1, 1920, Apr. 25-30, 1921, and Apr. 24-29, 1922.
[5] Two-year average, does not include 1920, when prices were highest.
[6] Two-year average, does not include 1921, when prices were lowest.

Daily Average Weight and Cost of Hogs.

Week April 23-28, 1923, with Comparisons.

	Chicago.		East St. Louis.		Fort Worth.		Kansas City.		Omaha.		South St. Joseph.		St. Paul.	
	Wt.	Cost.	Wt.	Cost.	Wt.	Cost.	Wt.	Cost.	Wt.	Cost.	Wt.	Cost.	Wt.	Cost.
	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.	Lbs.	Per 100 lbs.
Monday	251	$7.84	192	88.10	181	$7.39	209	$7.53	255	$7.32	238	$7.39	218	$7.61
Tuesday	252	7.74	198	7.96	182	7.24	205	7.55	251	7.46	232	7.43	214	7.49
Wednesday	246	7.71	195	7.94	186	7.41	211	7.55	254	7.48	238	7.37	220	7.46
Thursday	237	7.72	199	7.86	186	7.41	218	7.55	254	7.27	239	7.37	218	7.45
Friday	240	7.81	199	7.95	173	7.37	212	7.61	251	7.39	233	7.46	214	7.62
Saturday	251	7.86	232	8.01	172	6.92	215	7.67	259	7.49	250	7.42	200	7.72
Average: Apr. 23-28, 1923	246	7.78	197	7.96	181	7.73	210	7.55	254	7.40	238	7.39	217	7.52
Apr. 16-21, 1923	249	8.08	198	8.30	179	7.79	216	7.86	259	7.64	241	7.73	213	7.91
Apr. 24-29, 1922	248	10.31	189	10.40	....	.....	222	10.00	255	9.84	....	.....	239	10.06

The above prices are computed on packer and shipper purchases.

Stocker and Feeder Shipments.

Week of April 21-27, 1923, with Comparisons.

Origin and destination.	Cattle and calves.		Hogs.		Sheep.	
	Week, Apr. 21-27, 1923.	Per cent of average of corresponding week 1920, 1921, 1922.	Week, Apr. 21-27, 1923.	Per cent of average of corresponding week 1920, 1921, 1922.	Week, Apr. 21-27, 1923.	Per cent of average of corresponding week 1920, 1921, 1922.
Market origin:						
Chicago	5,143	90.1	131	54.8	1,192	53.3
Denver	2,149	83.4	2,097	.....	2,395	528.7
East St. Louis	3,113	178.7	1,728	97.8	.....	.....
Fort Worth	5,198	61.3	503	54.8	366	40.0
Indianapolis	496	113.0	575	67.5	8	26.7
Kansas City	11,682	129.6	3,477	120.1	1,209	32.2
Oklahoma City	1,249	80.3	334	77.8	.....	.....
Omaha	5,378	118.1	326	428.9	956	82.7
St. Joseph	2,427	223.5	295	388.2	2,969	645.4
St. Paul	4,486	93.6	3,487	172.6	20	26.7
Sioux City	2,984	91.6	697	109.4	.....	.....
Wichita	17,329	166.0	414	144.2	.....	.....
Total	61,634	118.7	14,064	140.1	9,115	99.2
State destination:						
California	.....	.....	1,105	.....	.....	.....
Colorado	1,165	495.7	707	.....	922	610.6
Illinois	5,276	146.9	2,303	140.8	1,478	90.2
Indiana	1,019	98.1	885	66.9	8	2.8
Iowa	8,321	114.7	5,902	243.6	280	38.2
Kansas	22,332	131.7	863	196.1	584	168.8
Kentucky	398	97.5	.....	.....	.....	.....
Louisiana	158	58.3	.....	.....	.....	.....
Maryland	27	47.4	.....	.....	.....	.....
Michigan	647	97.0	447	565.8	228	118.8
Minnesota	735	51.8	280	45.3	500	.....
Mississippi	30	103.4	.....	.....	.....	.....
Missouri	5,869	183.8	1,264	69.3	3,381	103.5
Nebraska	6,662	170.4	126	30.5	1,368	129.7
New York	820	182.6	.....	.....	.....	.....
North Dakota	40	210.5	.....	.....	.....	.....
Ohio	1,743	141.6	.....	.....	.....	.....
Oklahoma	3,606	67.4	.....	.....	.....	.....
South Dakota	229	45.0	.....	.....	.....	.....
Tennessee	45	50.6	.....	.....	.....	.....
Texas	1,192	47.7	182	117.4	366	58.2
West Virginia	191	102.1	.....	.....	.....	.....
Wisconsin	1,129	70.1	.....	.....	.....	.....
Total	61,634	118.7	14,064	140.1	9,115	99.2

Comparison of Stocker and Feeder Shipments this Season with Previous Season.

	Cattle and calves.	Hogs.	Sheep.
July 1, 1922, to Apr. 27, 1923	3,695,648	479,203	2,860,685
Same period one year ago	2,782,344	278,441	2,357,588
Same period two years ago	2,715,756	348,208	3,599,433
Current period as per cent of average of two previous periods	134.4	152.9	96.0

Dairy and Poultry

Butter Market Continues Weak and Unsettled.

During the greater part of the week ending April 28th the butter market continued weak and unsettled. Prices did not drop so sharply as during the week before and slight reactions were interspersed, but at the end of the week the net results were declines, in most cases reaching a full cent. It was hard at any time to find indications of strength that would lead to the belief that prices had really, and more or less permanently, reached bottom. There were times when jobbers needs were large enough to clean up closely the light supplies and when the market for the moment appeared firm but so generally was confidence lacking that uppermost in the minds of the receivers was the fear of a surplus in the near future. Each dealer wanted to be able to supply his customers but he was willing to buy from his neighbor to do it. He preferred to fail to supply them rather than carry stocks over night.

Buyers were just as cautious. The most urgent needs were carefully calculated and purchases were made accordingly. Some demanded and got protection against future declines even to the extent of the entire time which the butter remained in the buyer's hands. The policy of dealers to insure buyers against declines became less popular during the week. It was looked on with disfavor, in the first place, because while apparently selling at one price the actual selling price was often considerably lower, and this placed values on a false basis. Second, the seller assumed risks almost equal to those incurred by carrying the butter on his own floor, making concessions of this nature less desirbale. Last, the declines of the week under review were less sharp and on this account dealers were not so eager to sell. Reviewing the week as a whole, however, weak and unsettled best describes the condition of the market.

The receiver or jobber had nothing to gain by less cautious trading with the flush season so near at hand. Advances were merely a possibility while declines were highly probable. Added to the heavy production of this year, compared with last, and steady increases in the make from week to week, was the fact that though trading stocks at times were not very heavy they were always ample, and most of the time they were slightly in excess of buyers' needs.

Foreign butter has kept the markets nervous. On April 24th the S. S. United States arrived with 1,050 casks of Danish butter including 500 casks in bond for Canada. Because of high cost, this will probably be stored in bond and therefore had little immediate effect on the market except in a sentimental way. Canadian markets were reported weak and lower. All this can have but one effect; that of increasing sentiment for lower prices.

Reports from all markets agree that the average quality of receipts has shown some deterioration. Many of the usually fine marks came in with the early spring defects. Salvy body and old cream and metallic flavors were most common but some weedy flavors, garlic and even mold were reported. That this increase in poorer butter only slightly relieved the relative shortage of the undergrades was indicated by a continuance of the narrow range in prices between scores. It is important to note, however, that this is probably a forerunner of more liberal supplies on the undergrade market.

Cheese Price Advance Unsettles Distributing Markets.

The firmness of country markets during the previous week resulted in an advance in prices ranging from ½ to 1½¢ on the Farmers Call Board and about 1½¢ on the Wisconsin Cheese Exchange at Plymouth, Wis., on Monday, April 23. These advances were rather generally followed by receivers at the large wholesale distributing markets, but operators did not take kindly to higher prices and trade was not stimulated at any of the markets except at New York. At Chicago, Boston, and Philadelphia business proved to be very unsatisfactory and buyers could not be interested beyond immediate requirements. Supplies were liberal and both buyers and sellers lacked confidence. Dealers were generally free sellers, and often concessions were offered rather than miss a sale to reduce accumulations. Prices on the various styles ruled very irregular and in most instances showed considerable range. In view of further possible declines dealers bought sparingly in the country and from other receivers on the market. At the close of the week

ending April 28 the tone of the markets at the best ruled weak and unsettled.

Reports from country markets are to the effect that the late price advances apparently had a tendency to cause buying interest to hold off. Many dealers were of the opinion that the advance was too sharp and that if prices had held steady, or advanced but slightly, much of the business that was in sight the previous week would have materialized. Some distributing markets had on hand consigned, lower-costing, cheese, which was offered on last week's basis, consequently attracting business that would ordinarily have been done at country points. Although trade proved to be irregular and on the whole unsatisfactory, the tone at the close ruled barely steady and unsettled. Dealers generally look for no lower markets next week, although in some quarters offerings were made at flat board prices. The majority seem content to hold prices steady and, if necessary, allow accumulations, believing that by so doing a better market will be created when grass cheese makes its appearance. Production of American cheese, it is generally claimed, has been retarded considerably because many factories have turned to skimming or to making brick cheese.

Report of Dairy Products and Oleomargarin Manufactured During the Quarter Ended December 31, 1922.

[Thousands of pounds: i. e., 000 omitted.]

Manufactured products.	Number factories reporting (1922).	October.		November.		December.	
		1922	1921	1922	1921	1922	1921
Creamery butter	3,354	81,547	84,374	67,253	70,024	69,284	71,460
Whey butter (made from whey cream)	214	165	164	108	117	93	105
Renovated or process butter	7	344	389	323	387	390	439
American cheese:							
Whole milk	1,668	25,112	21,496	17,845	13,426	15,060	11,618
Part skim	11	112	66	65	71	85	82
Full skim	33	379	53	203	40	189	22
Swiss cheese, including block	162	1,420	2,358	451	862	186	395
Brick and Munster cheese	428	3,373	4,089	3,093	4,032	2,474	3,723
Limburger cheese	100	729	626	520	392	346	318
Cream and Neufchatel cheese	38	831	731	955	977	942	904
All Italian varieties of cheese	24	133	249	115	272	85	293
All other varieties of cheese	49	450	566	451	503	396	478
Total cheese (not including cottage, pot, and bakers') [1]	.....	32,539	30,234	23,698	20,575	19,763	17,833
Cottage, pot, and bakers' cheese [1]	338	2,513	2,132	2,322	2,085	2,606	2,360
Sweetened condensed milk:							
Case goods—							
Skimmed	6	163	504	56	51	63	12
Unskimmed	48	19,723	14,418	13,896	15,302	11,538	14,448
Bulk goods—							
Skimmed	89	5,624	4,985	4,919	3,005	7,379	4,142
Unskimmed	43	2,170	1,877	1,594	775	1,836	588
Unsweetened evaporated milk:							
Case goods—							
Skimmed	3	296	169	287	75	310	98
Unskimmed	121	73,279	91,165	57,685	68,772	64,118	64,413
Bulk goods—							
Skimmed	93	3,340	3,427	2,717	2,682	2,947	3,132
Unskimmed	66	3,746	4,053	3,800	2,583	3,690	2,843
Total condensed and evaporated milk	.....	108,332	120,598	84,954	93,245	91,881	89,676
Evaporated, part or full skimmed milk, modified with foreign fat:							
Case goods	9	2,964	2,484	2,876	3,299	3,047	2,977
Bulk goods	3	214	58	134	43	146	43
Sterilized milk (canned same as condensed)	1	5	307	.....	496	15	205
Condensed or evaporated buttermilk	29	3,083	2,040	3,107	2,311	3,373	2,405
Dried or powdered buttermilk	21	489	582	413	451	433	569
Powdered whole milk	12	510	576	365	346	384	167
Powdered skimmed milk	49	2,993	3,658	2,148	3,146	2,285	3,027
Powdered cream	.....	.....	.....	.....	.....	.....	.....
Dried casein (skim milk)	61	632	332	485	296	526	310
Dried casein (buttermilk)	1	.....	.....	3	.....	3	.....
Malted milk	7	1,120	1,038	1,051	1,046	1,058	1,135
Milk sugar (crude)	7	79	145	62	152	93	135
Ice cream of all kinds (gallons)	2,419	9,626	7,646	6,383	5,432	5,358	4,660
Oleomargarin (uncolored):							
Animal and vegetable oil	52	10,002	7,658	10,401	9,557	10,882	9,909
Exclusively vegetable oil	62	7,283	9,842	8,279	8,379	9,116	7,995
Exclusively animal oil	2	48	.....	34	.....	38	.....
Oleomargarin (colored):							
Animal and vegetable oil	35	418	503	507	527	571	525
Exclusively vegetable oil	28	136	170	146	162	205	125
Exclusively animal oil	.....	.....	.....	.....	.....	.....	.....
Total oleomargarin	.....	17,887	18,173	19,367	18,625	20,721	18,554

NOTE.—The above statistics are compiled from replies to inquiries sent to all manufacturers of dairy products and oleomargarin in the United States in so far as it has been possible to secure a complete list.

Movement of Dairy Products at Five Markets.

[New York, Chicago, Philadelphia, Boston, and San Francisco.]

	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.
Butter.	*Pounds.*	*Pounds.*	*Pounds.*
Receipts for week	11,997,474	12,207,373	10,990,602
Receipts since Jan. 1	185,885,562	173,888,088	168,202,761
Put into cold storage	493,647	497,100	352,728
Withdrawn from cold storage	589,823	552,763	817,514
Change during week	−96,176	−55,663	−464,786
Total holdings	1,614,958	1,711,134	2,124,453
Cheese.			
Receipts for week	4,032,853	3,953,600	4,277,822
Receipts since Jan. 1	56,813,070	52,780,217	52,346,841
Put into cold storage	899,811	1,030,319	602,875
Withdrawn from cold storage	1,031,566	[1] 1,240,667	402,425
Change during week	−131,755	−210,348	+200,450
Total holdings	4,915,801	5,047,556	4,196,470
Dressed Poultry.			
Receipts for week	3,503,076	3,008,291	2,314,770
Receipts since Jan. 1	96,496,703	92,993,627	62,861,304
Put into cold storage	1,795,948	1,565,633	921,333
Withdrawn from cold storage	4,293,016	5,322,849	4,748,739
Change during week	−2,497,068	−3,757,216	−3,827,406
Total holdings	55,463,394	57,960,462	38,075,590
Eggs.	*Cases*	*Cases.*	*Cases.*
Receipts for week	670,223	581,615	759,919
Receipts since Jan. 1	6,122,416	5,452,193	6,688,311
Put into cold storage	467,116	347,943	633,865
Withdrawn from cold storage	22,200	21,648	10,332
Change during week	+444,916	+326,295	+623,533
Total holdings	1,405,273	960,357	2,328,460

[1] Includes error due to Warehouse delivery at New York.

Wholesale Prices of Butter and Cheese.

Week of April 23-28, 1923, with Comparisons.

Creamery Butter (92 Score).

	New York.	Chicago.	Philadelphia.	Boston.	San Francisco.
	Cts. per lb.	*Cts. per lb.*	*Cts. per lb.*	*Cts. per lb.*	*Cts. per lb.*
Monday	42½	41	42½	43	40
Tuesday	42½	40½	42½	43	39
Wednesday	42½	39½	41½	42½	37½
Thursday	42	40	41½	42	39
Friday	42	40	41½	42	40½
Saturday	42	40	41½	42	40½
Average:					
Apr. 23-28, 1923	42.25	40.17	41.79	42.42	39.37
Apr. 16-21, 1923	44.67	43.67	45.00	45.30	40.21
Apr. 24-29, 1922	39.42	38.50	39.58	39.50	33.00

American Cheese (No. 1 Fresh Twins.)

	New York.	Chicago.	Boston.	San Francisco.[1]	Wisconsin.
	Cts. per lb.	*Cts. per lb.*	*Cts. per lb.*	*Cts. per lb.*	*Cts. per lb.*
Monday	21½-22	19¾-20¼	23-24½	18½	.....
Tuesday	22½	21 -21½	23-24½	18½	20¾
Wednesday	22½	20½-21	23-24½	18	21¼
Thursday	22½	20½-21	23-24½	18¼	21¼
Friday	22½	20½-21	23-24½	18¼	20¾
Saturday	22½	20½-21	23-24½	18¼	20½
Average:					
Apr. 23-28, 1923	22.37	20.71	23.75	18.33	20.87
Apr. 16-21, 1923	21.83	20.04	23.70	18.54	19.50
Apr. 24-29, 1922	17.42	15.48	18.63	18.54	14.71

[1] Flats.

Wholesale Prices of Centralized Butter (90 Score) at Chicago.

April 23-28, 1923.

	Cts. per lb.		*Cts. per lb.*
Monday	41	Friday	40½
Tuesday	40	Saturday	40½
Wednesday	39¾		
Thursday	40	Average	40.29

Fruits and Vegetables

Good Apples Show Strong Market Tone.

Apples are in good demand with advancing prices. New potatoes declined rapidly and most other leading lines were lower. New onions and potatoes, cabbage, strawberries, and tomatoes moved in heavier volume but lighter shipments of other lines caused a decrease of nearly 2,000 cars in the car-lot movement of 12 leading fruits and vegetables. The week's total was 9,209 cars, compared with 10,403 for a similar period a year ago.

Apples.—Demand for apples of good quality and condition is still active, especially in eastern markets. An advance of 50¢ per barrel occurred on A–2½ inch New York Baldwins in a few cities, top of $6.75 being reached in Boston. This stock held about steady in Chicago, and Middlewestern Ben Davis advanced to $5 in Kansas City, touching $6 in Minneapolis. Virginia Ben Davis closed higher at $5 in Baltimore. Northwestern Extra Fancy Winesaps, medium to large sizes, also showed a firm tone, ranging generally $2.75–$3.50 per box.

APPLE SEASON NEARLY NORMAL.

The apple season which is nearing a close has been almost normal, compared with last season. There has been a better balance between the box and barrel shipping sections, and prices have been considerably lower. The serious shortage of the 1921 crop in barrel areas made prices of eastern and central apples relatively high last year, and the large crop in far western sections was more widely distributed than ever before to make up the deficiency in the East.

Although the cold-storage holdings on April 1 were greatly in excess of last season's and about one-third above the five-year average for April 1, most of the 1,202,000 barrels were held in the Middle Atlantic and East North Central States, and the 3,269,000 boxes were chiefly in the North Central region and the Pacific Coast States. Because of the surplus at or near the eastern consuming centers, all western boxed holdings may not be marketed. Two seasons ago, 2,000 cars of boxed apples were shipped after April 1. Last season, with a commercial crop almost 50% larger, only 1,400 carloads came from western box-apple States during April, May, and June, because most of the supply had been shipped from producing sections the previous fall and winter on account of the eastern shortage. Although the far-western crop in 1922 was 17% less than in 1921, holdings in Pacific Coast States this April exceeded 2,000 cars.

To the end of April, shipments from the box areas had filled about 45,500 cars, compared with 56,270 during all of last season and 36,370 cars in 1920–21. Movement from sections shipping chiefly in barrels was about 62,950 cars, compared with 32,020 last season and 72,900 the previous year. Combined shipments from all districts are approximately 108,500 cars, or 20,200 more than last season's total and only 800 cars short of the 1920–21 movement. There is little doubt that at least 110,000 carloads of apples will be marketed by June 30. About 85% of the present supplies are from New York State and Washington, and the movement is decreasing week by week. Exports, which have been heavy this season, have now dwindled to less than 25 carloads per week as the season closes.

NEW POTATOES SLUMP.

Potatoes.—Florida potatoes moved in heavier volume. Total shipments were 525 cars. Texas sent only 13 cars. Florida Spaulding Rose Number 1 potatoes declined $3–$5 a barrel and sold mostly at $8.50–$9.50 in city markets. At shipping points a net loss of $2.75 for the week was reported. Losses of 15¢–50¢ per 100 pounds occurred in markets for old potatoes. Northern sacked Round Whites ranged $1.05–$1.20 in Chicago, and Eastern stock brought $1.85–$2 in New York. Shipments of old stock decreased to 3,425 cars.

Cabbage.—About three-fifths of the cabbage movement, or 594 cars, came from South Carolina. Alabama furnished nearly one-fourth of the total. South Carolina Wakefield cabbage was generally weaker, selling at $4–$5 per barrel crate. Alabama Flat type followed the general downward trend at $4.50–$5 in most leading markets but advanced in Boston to a close of $5.25–$5.50.

Strawberries.—Prices of strawberries are declining under heavier movement. Louisiana Klondikes in 24-pint crates sold $1.50 lower at $3.50–$4.25 in leading markets, and ranged $2.75–$3.25 f. o. b. cash track at shipping points. North Carolina Klondikes declined $3–$6 per 32-quart crate closing at $7–$8 wagonloads cash to growers. Prices in eastern markets closed weaker at 25¢–35¢ quart basis. Arkansas and Alabama berries brought $5.50–$6.50 per 24-quart crate. Shipments increased nearly 200% to 689 cars.

OTHER FRUITS AND VEGETABLES.

California *asparagus* brought $5–$7 per crate for large sizes in eastern markets and ranged $7–$10 in Chicago for fancy and extra fancy stock. Georgia and South Carolina asparagus sold at $5.25–$6 in New York and Philadelphia. Prices were higher in Chicago at $5–$9. Florida green *string beans* sold mostly at $1.75–$2.50 per bushel hamper, reaching $3.50 in Chicago. *Wax beans* held firm at $3–$4.50. California *cauliflower* declined in leading markets to a range of $2.25–$3.25 per crate. Florida *celery* in ten-inch crates advanced in Chicago and St. Louis but weakened in other markets, selling generally at $1.75–$3. Shipments decreased to 240 cars but were heavier than at the same time last year. Florida *cucumbers* in bushel hampers sold higher at $4.50–$7, reaching high point in Chicago and St. Louis. North and South Carolina *lettuce* was firm in New York at $3–$3.25 per one and one-half bushel hamper. California Imperial Valley Iceberg stock advanced to a range of $3.50–$4.50 per crate. Shipments were little more than two-thirds of the previous week's movement. Texas *onions* assumed a more regular trend in city markets. Supplies contain much stock of inferior quality. Prices for best Yellow Bermudas ranged $3–$3.50 per standard crate, ordinary stock selling at $2–$2.50. Eastern and midwestern Yellow Globes were in moderate demand at $3.50–$4.50 per 100-pound sack. Shipments of Texas onions increased to 449 cars. Texas Savoy *spinach* in bushel baskets was steady to firm at $1.25–$1.75. Virginia spinach declined in eastern markets, ranging $1.25–$1.75 per barrel. Shipments decreased, Virginia sending nearly three-fourths of the total. Eastern yellow *sweet potatoes* brought 75¢–$1.25 per bushel hamper, New Jersey stock ranging $1.75–$2 in New York. Tennessee Nancy Halls closed at $1.50–$1.65 in Chicago. Shipments filled 215 cars. Florida *tomatoes* in six-basket carriers sold mostly at $4–$6. Stock from the East Coast ranged slightly lower in New York at $3.75–$4.25. Nearly 600 cars were shipped from Florida.

Prices of Fruits and Vegetables F. O. B. Shipping Points.

April 30, 1923, with Comparisons.

Product.	Shipping points.	Unit of sale.	Apr. 30, 1923.	Apr. 23, 1923.	May 1, 1922.
Potatoes	Hastings, Fla	Barrels	$7.25	.....	$5.50
	Grand Rapids, Mich.	100 lbs. sacked	1.00-1.05	$1.05-1.15	1.75-1.85
	Waupaca, Wis	do	1.20	1.20	.....
	Minneapolis, Minn	do	.95-1.00	1.10-1.15	1.70-1.75
	Idaho Falls, Idaho	do	1.10-1.15	1.35	.....
Onions	Texas points	Standard crate	1.65-2.00	2.25	2.00-2.50
Strawberries	Hammond, La	24-pint crate	2.75-3.25	3.00-3.77	2.25-2.40
	Chadbourn, N. C	32-quart crate	[1] 7.00-8.00	[1] 10.00-14.00	[1] 5.00-5.25

[1] Wagonloads cash to growers.

Carload Shipments of Fruits and Vegetables.

Week of April 22-28 and Season to April 28, with Comparisons.

Product.	Apr. 22-28, 1923.	Apr. 15-21, 1923.	Apr. 23-29, 1922.	Total this season to Apr. 28.	Total last season to Apr. 29.	Total last season.
Apples:						
Box areas	197	202	166	45,338	55,573	56,270
Bbl. areas	386	461	247	62,809	31,363	32,018
Cabbage	1,000	889	1,126	5,982	10,396	40,465
Cauliflower	5	16	13	4,404	4,284	4,239
Celery	240	462	210	5,990	4,426	4,807
Lettuce	431	610	594	15,054	12,775	21,986
Onions:						
1922 crop	52	96	0	29,208	20,767	20,767
1923 crop	449	284	689	836	3,048	29,208
Potatoes:						
Sweet	215	270	243	20,438	18,389	19,291
White—						
1922 crop	3,425	5,762	4,213	231,958	222,086	238,288
1923 crop	538	352	870	1,023	2,682	231,958
Spinach	418	490	210	6,031	4,279	4,654
Strawberries	689	210	729	2,310	2,631	18,738
Tomatoes	595	427	746	5,540	5,972	26,375
Vegetables, mixed	569	610	347	6,693	5,482	19,710
Total	9,209	11,171	10,403	.....	.....	.....

Arrivals and Prices of Fruits and Vegetables.

Arrivals Include All Varieties of Each Product for the Week April 24-30, 1923, with Comparisons; Prices are for April 30, 1923, with Comparisons, and are for the Variety or Varieties Specified.

LATE POTATOES. [Prices quoted on Eastern and Northern Sacked Round Whites, per 100 pounds.]

Markets.	Total car-lot arrivals.					Jobbing range.		
	Apr. 24-30, 1923.	Apr. 17-23, 1923.	Apr. 25-May 1, 1922.	Jan. 1-Apr. 30, 1923.	Jan. 1-May 1, 1922.	Apr. 30, 1923.	Apr. 23, 1923.	May 1, 1922.
New York	561	487	286	6,184	5,435	$1.85-2.00	$2.15-2.35	$1.65-1.85
Boston	200	285	214	3,362	3,130	2.25-2.35	2.35-2.40	1.50-1.65
Philadelphia	74	236	79	1,867	1,765	2.00	2.15	1.50-1.85
Baltimore	34	22	15	302	[1] 311	2.00	2.15	2.00
Pittsburgh	155	262	128	2,112	2,057	1.40-1.50	1.50-1.55	2.10-2.15
Cincinnati	92	88	36	1,080	901	1.35-1.50	1.40-1.50	2.00-2.15
Chicago	732	679	247	6,756	5,089	[2] 1.05-1.20	[2] 1.25-1.35	[2] 1.85-2.10
St. Louis	120	170	123	1,656	1,645	[3] 1.00	[3] 1.25	[3] 2.50
Kansas City	388	432	172	3,606	2,676	[3] 1.00	[3] 1.15-1.25	[3] 2.20

EARLY POTATOES. [Prices quoted on Florida Spaulding Rose, No. 1, per barrel.]

New York	156	41	251	232	722	$9.50-9.75	$12.00-13.00	$8.75-7.00
Boston	6	.....	6	6	18	10.00	.....	7.00
Philadelphia	3	23	126	37	314	8.50-9.00	10.00-12.50	6.00-6.75
Baltimore	20	7	33	29	76	8.50-9.00	13.00	6.50-7.00
Pittsburgh	52	6	35	62	94	9.00	16.00	6.75-7.00
Cincinnati	13	7	42	21	78	9.00	12.00-13.00	6.50
Chicago	26	11	65	41	156	9.00-9.50	14.00-15.00	6.50-6.65
St. Louis	10	5	13	23	40	[4] 6.50	[4] 8.25	[5] 3.00
Kansas City	16	6	1	30	21	[4] 7.00	[5] 3.75	[5] 2.50-3.00

CABBAGE. [Prices quoted on South Carolina Wakefield and Alabama Flat Type, per barrel crate.]

New York	143	115	93	1,491	1,411	$3.75-4.00	$4.50	$3.50-3.75
Boston	42	44	24	476	496	5.00-5.25	4.75-5.00	4.00
Philadelphia	80	71	55	554	998	4.00-4.25	4.50-4.75	3.50-3.75
Baltimore	36	37	27	481	[1] 338	4.00-4.50	4.50	3.25-3.50
Pittsburgh	44	51	36	479	576	4.50-5.00	4.75-5.00	3.50-3.75
Cincinnati	10	21	31	229	332	4.50-4.75	4.50	2.50-2.75
Chicago	77	53	102	983	1,207	4.50-5.00	4.75-5.00	3.50-3.75
St. Louis	34	27	34	492	896	4.50-4.75	3.75-4.50	3.50-3.75
Kansas City	16	8	16	265	255	[6] 5.00	[6] 5.00	[6] 3.50

ONIONS. [Prices quoted on Texas Yellow Bermudas, Nos. 1 and 2, per standard crate.]

New York	69	73	247	1,866	1,606	$2.75-3.00	.....	$2.25-2.50
Boston	96	11	93	529	500	2.50-3.00	$3.50-3.75	2.50-2.75
Philadelphia	34	37	95	574	501	3.00-3.40	3.00-3.50	2.50-2.60
Baltimore	5	10	10	163	[1] 98	2.50	3.25	2.50-2.65
Pittsburgh	27	31	37	409	390	3.00-3.50	3.50-3.75	2.50-2.75
Cincinnati	8	9	11	114	116	3.00-3.25	.....	2.75
Chicago	33	39	90	625	652	2.75-3.00	3.00-3.25	2.50-2.60
St. Louis	32	12	137	258	466	2.75	.....	2.25
Kansas City	18	15	23	261	233	2.50	2.50	2.25-2.50

APPLES. [Prices quoted on New York Baldwins, A 2½ inches, per barrel.]

New York	85	84	65	2,393	1,300	$6.00-6.25	$5.50-5.75	$8.25
Boston	3	3	10	183	174	6.50-6.75	5.50	8.50
Philadelphia	34	22	19	539	350	5.75	5.50-5.75	7.50-8.25
Baltimore	6	12	1	195	[1] 85	4.00	5.00	8.00
Pittsburgh	89	51	40	1,219	715	5.50-6.00	6.00-6.50	8.00-8.50
Cincinnati	16	6	9	280	229	6.00-6.25	5.50-5.75	8.25-8.50
Chicago	14	35	5	530	199	5.75-6.00	5.50-6.00	7.75-8.25
St. Louis	3	4	0	128	49	[7] 4.25-4.50	[7] 4.00-4.25	.....
Kansas City	1	0	0	49	4	[7] 4.75-5.00	[7] 4.50-4.75	.....

APPLES. [Prices quoted on Northwestern Extra Fancy Winesaps, medium to large sizes, per box.]

New York	71	95	95	2,281	2,040	$3.25-3.50	$3.00-3.25	$3.25-4.25
Boston	10	7	18	408	228	2.50	[8] 2.00-3.35	.....
Philadelphia	23	26	38	606	539	2.50-3.00	2.40-3.00	3.00-3.50
Baltimore	9	5	12	282	[1] 134	3.00-3.50	2.75-3.25	3.00-3.25
Pittsburgh	23	19	12	597	371	2.50-3.00	2.50-3.00	2.75-3.25
Chicago	33	35	22	702	642	2.50-2.75	2.60-2.65	3.00-3.25
St. Louis	6	9	5	164	220	[8] 2.40-2.65	[8] 2.10-2.35	3.25
Kansas City	7	6	7	83	177	2.75-3.00	2.75	3.25-3.50

STRAWBERRIES.[1] [Prices quoted on Louisiana Klondikes, 24-pint crates.]

New York	78	43	147	221	402	[9] $0.30-0.32	[9] $0.50-0.55	[9] $0.28-0.30
Boston	32	6	40	72	128	[9] .30-.35	.....	[9] .30-.35
Philadelphia	22	10	54	59	138	[9] .28-.31	[9] .50-.60	[9] .23-.28
Baltimore	1	1	5	6	11	[9] .25-.30	[9] .25-.30	[9] .28-.30
Pittsburgh	22	8	15	47	70	4.00-4.25	5.00-5.50	4.00
Cincinnati	30	24	30	81	113	[10] 5.00-5.25	[10] 5.00-6.00	[11] 5.75
Chicago	109	62	93	223	355	3.50	4.75-5.00	3.50-3.75
St. Louis	15	8	14	35	49	3.50-3.75	5.00-5.25	[11] 3.50-4.00
Kansas City	13	5	17	34	38	4.00	5.00-5.50	5.00-6.00

[1] Season's arrivals incomplete.
[2] Car-lot sales.
[3] Red River Ohios.
[4] Texas Bliss Triumphs per 100 pounds.
[5] Florida Bliss Triumphs, bushel crates.
[6] Texas Flat per 100 pounds.
[7] Midwestern Ben Davis.
[8] Auction sales.
[9] North Carolina quart basis.
[10] Alabama 24-quart crates.
[11] Tennessee 24-quart crates.

Louisiana Strawberry Movement Reaches Peak.

Shipments of strawberries from Louisiana continued in moderate volume as a result of unfavorable weather conditions during the latter part of March and the first half of April. Total shipments to April 28 were only 955 cars, or about 70 per cent of the movement to the same time last year. Shipments during the second week of April were light, as anticipated, but somewhat heavier than first expected. On Friday, April 13, only 16 cars were forwarded from the district, and on April 17 only 11 cars were rolled. The average daily movement during the first part of the month was around 20 cars, compared with a daily average of about 44 cars during the corresponding period a year ago.

The peak of last year's shipments occurred around the middle of April, the highest days being April 10 with 76 cars; April 12 with 66 cars; and April 17 with 80 cars. According to reports from the field station of the Federal market news service at Hammond, the peak this season was expected during the last week of April, with daily shipments probably not so heavy as last year's. Movement during the second and third weeks, respectively, was about 140 cars.

SHIPMENTS WIDELY DISTRIBUTED.

A large portion of the shipments have been moving to eastern markets, but the distribution has been wide, some Louisiana berries going to Portland, Maine, others to Portland, Oregon, and some to Canadian points. Chicago has been one of the heaviest receivers to date.

Continued rains with cool weather during the early part of April retarded rapid growth, but so far does not seem to have affected the carrying quality of the berries to an appreciable extent. The berries are of good size, and, with the State inspection service being maintained at all loading points, it is expected that the quality of the shipments will be better than in the past. As usual, and with the high prices being received, some stock has been shipped too green. The heavy rains caused some of the berries to be sandy, but with the mulching system practiced this damage is only slight.

PRICES HIGHER THAN LAST YEAR'S.

F. o. b. prices at Hammond during the first half of April ranged $3–$5.43, mostly $4–$5, for 24-pint ventilated crates, and one car of 24-quart crates sold at $10.20. These prices are considerably higher than those received during the corresponding period last year, when the range was $1.90–$4.75, mostly $2–$3, per 24-pint crate.

Local growers and shippers believe that more than one-half of the crop has been moved and that the total shipments this season will be somewhat less than last year's. Total movement, however, will depend largely upon weather conditions and upon the length of the shipping season. Total shipments from Louisiana last year were 1,540 cars, and estimates made shortly after the frost on March 17 placed the movement for this season at approximately the same figure. The acreage was increased 25 per cent this year, but, in consequence of the cold weather and the rains (which seem to have destroyed many of the blossoms), local estimates now range from 1,200 to 1,300 cars for the season.

It is predicted locally that the Louisiana berry movement will be prolonged until the middle of May, indications pointing to a late season in States farther north, and that the quality and size of the berries during the remainder of this season will be good.

Eastern North Carolina has a large acreage of early peas this year. The heaviest plantings are in Washington County, with 500 acres, and in the Elizabeth City section, in Currituck and Pasquotank Counties, with 3,000 acres. Owing to damage from cold, a light yield per acre seems probable. Last year the two sections moved 200 cars and this year, with more than twice the acreage, movement will probably not exceed 350 cars. Movement begins about May 10.

Early Virginia cabbage shows a slight increase in acreage in the Norfolk section, while the Eastern Shore is like last year. Because of injury from cold, the percentage of seeding is rather high and the yield will be below the average. Shipments may exceed last year, when some of the cabbage was not shipped because of low prices.

North Carolina potatoes were mostly cut back by the frost of April 1 and the crop is unusually late. A few potatoes may start to market about June 1 with a larger movement about the 6th, but shipments will not reach any great volume until after June 10.

Potato Prices Higher in Northern Colorado.

After a two weeks' period of dullness and inactivity, the Greeley, Colorado, potato market again improved and, on April 18, reached a range of 85¢–$1 per 100 lbs., cash to growers, for sacked Round Whites. According to reports from the Greeley office of the Federal market news service, this is a gain of 30¢–45¢ over the price paid the preceding week and is 10¢–25¢ above the highest previous price this season. The market was very active but unsettled, with a stronger feeling. Stock grading U. S. No. 1 is becoming scarce, and the keen competition for such stock was partly responsible for the advancing prices. On April 14, 1922, the local market was dull and demand limited. At that time the price to growers was 60¢ per 100 pounds for sacked Round Whites, a decline of 15¢–20¢ from the preceding week.

SHIPMENTS SHOW INCREASE.

Shipments, which had fallen off considerably during the early part of April, have now become heavier, although some growers show a tendency to hold for higher prices. There was a large supply of refrigerator cars available. This also tended to encourage shipments, as it was understood that the supply would be decreased as soon as the California fruit movement begins.

The scarcity of good potatoes has lowered dealers' estimates of cars probably to be shipped from northern Colorado, and it is now believed that from 700 to 1,000 cars will move between April 18 and June 1, an average of only 20 to 27 cars daily. If the price continues high, the movement may reach a greater volume, as much stock of quality below the U. S. No. 1 grade will then be shipped.

OUTPUT LESS THAN LAST YEAR.

To April 14, inclusive, shipments from the Greeley district were 3,316 cars, compared with 3,993 to the same time a year ago. A total of 5,049 cars came from this section last season. To April 28, potato output from the entire State of Colorado was 14,311 cars, compared with 16,544 to the corresponding date in 1922 and with 17,742 cars to the end of the season.

Weather has only recently become favorable for spring cultivation, and most growers are now busy with this work. Dealers predict a late movement of potatoes, with shipments steady but not heavy and continuing until June. The recent price advance was anticipated, but many dealers believe that the local price to growers has exceeded the range permitted by outside markets and are inclined to go slowly in buying stock. Some farmers are equally inclined to hold their potatoes, expecting still higher prices, while those who are selling at present are not required to sort so closely as before. Many cars grading Colorado Standard are being shipped and much of the stock shows defects from long storage, such as sprouts, a wilted or wrinkled appearance, and dry rot.

Brown Heart in Australian Apples.

A commission of four British scientists recently went to Australia to investigate conditions of storage and transport of Australian apples to the United Kingdom. This commission, selected by the British Food Investigation Board in cooperation with shippers and growers, will concentrate most of its attention on "brown heart" in apples, the prevalence of which in last season's exports seriously prejudiced the reputation of Australian apples in English markets.

The fruit affected by the disease appeared to be firm and was sold as first-class quality, but when opened the inside was found to be brown, soft, and flavorless. The existence of "brown heart" is a menace to the Australian apple export trade. The loss last season to Australian shippers and growers is reported to have amounted to over $1,000,000.

Correction.

The report of taxes on farm lands in Indiana, published in Weather, Crops and Markets, March 17, page 251, was incorrect. The correct figures are as follows: The average taxes per acre for the period 1913–14 were $0.67 for Indiana and $0.309 for the United States. For 1921–22 they were $1.60 for Indiana and $0.693 for the United States. The increase from 1913–14 to 1921–22 was 139% for Indiana, but there was no change for the United States, the average remaining at 126%.

New Publications Issued.

The following publications were issued by the United States Department of Agriculture during the week ending May 1, 1923. A copy of any of them, except those otherwise noted, may be obtained free upon application to the Chief of the Division of Publications, United States Department of Agriculture, as long as the department's supply lasts.

After the department's supply is exhausted, publications can be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. Purchase order and remittance should be addressed to the Superintendent of Documents direct and not to the Department of Agriculture.

Report of the Alaska Agricultural Experiment Stations, 1921. Pp. 58, pls. 12. March, 1923.

Report of the Guam Agricultural Experiment Station, 1921. Pp. 43, pls. 6. March, 1923.

Service and Regulatory Announcements. Bureau of Chemistry. Supplement 154. Notices of Judgments 11151–11200. Pp. 85–111. April 20, 1923. Price, 5 cents.

Storage of Water in Soil and Its Utilization by Spring Wheat. By O. R. Mathews, Assistant Agronomist, with introduction by E. C. Chilcott, Agriculturist in Charge, Office of Dry-Land Agriculture Investigations, Bureau of Plant Industry. Pp. 28, fig. 1. (Professional Paper.) April 14, 1923. (**Department Bulletin 1139.**) Price, 5 cents.

The purpose of this bulletin is to determine and present the actual depth to which the wheat crop has utilized the soil in a series of seasons, on a wide range of soils, and under radically different cultivation methods.

Use of Water by Spring Wheat on the Great Plains. By John S. Cole, Agronomist, and O. R. Mathews, Assistant Agronomist in Dry-Land Agriculture, with an introduction by E. C. Chilcott, Agriculturist in Charge of the Office of Dry-Land Agriculture Investigations, Bureau of Plant Industry. Pp. 34, figs. 10. (Professional Paper.) March 31, 1923. (**Department Bulletin 1004.**) Price, 10 cents.

Discusses the dependence of the yield upon an uninterrupted supply of water and gives the results of a study made of the correlation between water use and yield at Edgely, N. Dak., and North Platte, Nebr.

Feeding Habits of the Japanese Beetle Which Influence Its Control. By Loren B. Smith, Entomologist, Deciduous Fruit Insect Investigations, Bureau of Entomology. Pp. 12, figs. 3. April 30, 1923. (**Department Bulletin 1154.**) Price, 5 cents. Besides describing the feeding habits of the Japanese beetle this bulletin discusses its movements, control measures, and process of infestation.

Lumber Cut of the United States 1870–1920. Declining Production and High Prices as Related to Forest Exhaustion. By R. V. Reynolds, Forest Examiner, and Albert H. Pierson, Statistician in Forest Products, Forest Service. (Professional Paper.) Pp. 63, figs. 16, pls. 2. April 25, 1923. (**Department Bulletin 1119.**) Price, 15 cents.

Journal of Agricultural Research: Vol. 23, No. 5, February 3, 1923. Contents: Use of Alternating Temperatures in the Germination of Seeds. (G–274.) By George T. Harrington.—Water Content of Barley Kernels during Growth and Maturation. (G–275.) By H. V. Harlan and Merritt N. Pope.—Bacterial Leafspot of Geranium in the Eastern United States. (G–276.) By Nellie A. Brown.—Hydrogen-ion Concentration and Varietal Resistance of Wheat to Stemrust and Other Diseases. (G–277.) By Annie May Hurd.—Cotton-Wilt, a Seed-Borne Disease. (Ark–2.) By John A. Elliott. Pp. 295–394, figs. 35, pls. 5. Price, 10 cents.

Journal of Agricultural Research. Vol. 23, No. 8. February 24, 1923. Contents: Early Vigor of Maize Plants and Yield of Grain as Influenced by the Corn Root, Stalk, and Ear Rot Diseases. (G–282.) By James R. Holbert, W. L. Gurlison, H. Howard Biggar, Benjamin Koehler, George H. Dungan, and Merle T. Jenkins.—Effect of Burning on Vegetation in Kansas Pastures. (Kans.–29.) By R. L. Hensel.—Control of Lettuce Drop by the Use of Formaldehyde. (Mass.–7.) By Webster S. Krout.—Distribution of Pentosans in the Corn Plant at Various Stages of Growth. (Wis.–19.) By John H. Ver Hulst, W. H. Peterson, and E. B. Fred.—Stimulating the Growth of Azotobacter by Aeration. (Kans.–30.) By O. W. Hunter. Pp. 583–677, figs. 31, pls. 10. Price, 10 cents.

Service and Regulatory Announcements. Bureau of Animal Industry. No. 191. March, 1923. Pp. 27–36. April 24, 1923. Price, 5 cents.

Acreage, Yield Per Acre, Production, Price Paid by Canners, and Total Value of Certain Truck Crops Produced for Manufacture, 1920–1922.

Cucumbers for Pickles.

State.	Acreage.			Yield per acre.			Production.			Price per unit paid by canners.			Total value.		
	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Bus.*	*Bus.*	*Bus.*	*Bushels.*	*Bushels.*	*Bushels.*						
California	2,060	1,980	1,480	86	100	125	177,200	198,000	185,000	$1.20	$1.24	$1.00	$212,600	$245,500	$185,000
Colorado	1,880	3,850	3,080	81	75	65	152,300	288,800	200,200	1.00	1.15	.50	152,300	332,100	100,100
Illinois	950	900	960	15	80	45	14,200	72,000	43,200	1.26	1.26	.88	17,900	90,700	37,200
Indiana	4,410	5,820	5,240	24	70	40	105,800	407,400	209,600	1.30	.87	.98	137,500	354,400	205,400
Iowa	840	1,320	990	22	70	30	18,500	92,400	29,700	1.00	1.63	1.00	18,500	150,600	29,700
Michigan	26,000	29,470	25,050	34	70	40	884,000	2,062,900	1,002,000	.93	1.04	.69	822,100	2,145,400	691,400
Minnesota	1,650	1,780	1,330	20	60	50	33,000	106,800	66,500	1.06	1.25	1.00	35,000	133,500	66,500
Mississippi	500	3,000	1,560	42	70	50	21,000	210,000	78,000	1.00	1.00	.81	21,000	210,000	63,200
Missouri	200	420	400	45	70	60	9,000	29,400	24,000	.90	1.00	.60	8,100	29,400	14,400
New York	1,170	1,560	1,950	98	80	75	114,700	124,800	145,200	1.00	.95	.82	114,700	118,600	119,900
Ohio	1,050	1,160	920	47	80	75	49,400	92,800	69,000	1.25	1.25	1.00	61,800	116,000	69,000
Washington	400	420	380	110	80	125	44,000	33,600	47,500	1.00	1.00	.71	44,000	33,600	33,700
Wisconsin	7,960	8,120	7,310	28	65	50	222,900	527,800	365,500	.79	.92	.73	176,100	485,600	266,800
Other States	1,500	3,420	2,180	51	75	70	76,500	256,500	152,600	.96	.98	.74	73,400	251,400	112,900
Total	50,570	63,220	52,830	38	71	50	1,922,500	4,503,200	2,619,000	.99	1.04	.76	1,895,000	4,696,800	1,995,200

Snap Beans.

State.	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*						
California	420	370	890	3.7	4.3	3.0	1,600	1,600	2,700	$55.58	$50.00	$62.50	$88,900	$80,000	$168,800
Colorado	980	700	610	2.4	3.3	2.4	2,400	2,300	1,500	65.00	50.00	56.67	156,000	115,000	85,000
Maryland	660	470	680	4.7	1.2	1.7	3,100	600	1,200	60.83	60.00	52.50	188,600	36,000	63,000
Michigan	1,000	760	930	1.0	.8	1.2	1,000	600	1,100	64.38	70.00	55.50	64,400	42,000	61,000
Mississippi	50	400	200	.9	.9	2.6	0	400	500	.....	65.00	63.15	.....	26,000	31,600
New York	3,740	3,310	3,570	2.0	2.4	1.7	7,500	7,900	6,100	67.00	67.23	72.00	502,500	531,100	439,000
Wisconsin	1,780	1,000	1,590	1.9	1.9	3.0	3,400	1,900	4,800	74.17	73.00	55.00	252,200	138,700	264,000
Other States	2,930	1,680	2,390	1.9	2.2	1.6	5,600	3,700	3,800	53.89	53.80	54.04	301,800	199,100	205,400
Total	11,560	8,690	10,860	2.1	2.2	2.0	24,600	19,000	21,700	63.19	61.47	60.73	1,554,400	1,167,900	1,317,800

Green Peas.

State.	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*						
California	2,770	2,360	3,970	1.5	0.6	1.7	4,200	1,400	6,700	$66.67	$70.00	$58.03	$280,000	$98,000	$388,800
Colorado	1,870	2,870	2,940	.9	.8	.7	1,700	2,300	2,100	69.00	70.00	65.00	117,300	161,000	136,500
Delaware	5,130	3,630	2,680	1.1	1.3	.6	5,600	4,700	1,600	85.00	62.92	60.00	476,000	295,700	96,000
Illinois	6,690	6,310	8,420	.8	.7	.8	5,400	4,400	6,700	63.75	68.90	61.00	344,200	303,200	408,700
Indiana	5,010	2,280	3,440	.7	1.0	.9	3,500	2,300	3,100	60.00	40.00	49.26	210,000	92,000	152,700
Maryland	6,120	5,470	7,670	1.1	1.0	.7	6,700	5,500	5,400	77.50	62.40	50.83	519,200	343,200	274,500
Michigan	9,860	8,530	8,780	.9	.6	.8	8,900	5,100	7,000	61.88	59.00	50.00	550,700	300,900	350,000
Minnesota	1,030	650	1,090	.8	.8	.8	800	500	900	42.50	44.00	42.00	34,000	22,000	37,800
New Jersey	720	760	150	1.1	1.1	.6	800	800	100	70.00	65.00	60.00	56,000	52,000	6,000
New York	25,930	18,290	28,720	1.2	1.1	.9	31,100	20,100	25,800	71.20	61.70	62.50	2,214,300	1,240,200	1,612,500
Ohio	5,070	4,040	4,010	.8	.8	.7	4,100	3,200	2,800	56.67	52.50	59.00	232,300	168,000	165,200
Pennsylvania	340	290	230	.8	1.4	.8	300	400	200	58.00	60.00	64.00	17,400	24,000	12,800
Tennessee	350	360	400	1.0	1.2	1.1	400	400	400	85.00	80.00	80.00	34,000	32,000	32,000
Utah	3,540	3,680	6,660	2.1	1.5	1.4	7,400	5,500	9,300	65.68	54.12	57.68	486,000	297,700	536,400
Wisconsin	60,920	63,790	72,050	1.2	.9	1.2	73,100	57,400	86,500	64.66	56.96	56.16	4,726,600	3,269,500	4,857,800
Other States	1,170	520	1,080	.8	.8	1.0	900	400	1,100	65.00	59.41	60.00	58,500	23,800	66,000
Total	136,520	123,830	152,290	1.1	.9	1.0	154,900	114,400	159,700	66.86	58.77	57.19	10,356,500	6,723,200	9,133,700

Tomatoes.

State.	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*						
Arkansas	5,020	1,030	3,330	3.3	3.3	3.5	16,600	3,400	11,700	$16.80	$16.96	$10.75	$278,900	$57,700	$125,800
California	28,340	6,860	24,140	6.0	5.5	7.5	170,000	37,700	181,000	20.00	12.58	15.12	3,400,000	474,300	2,736,700
Colorado	2,930	730	1,940	7.0	7.0	8.5	20,500	5,100	16,500	15.00	9.00	8.67	307,500	45,900	143,100
Delaware	19,900	2,000	12,680	4.5	4.5	3.0	89,600	9,000	38,000	21.98	18.63	14.23	1,969,400	167,700	540,700
Illinois	5,030	2,630	3,940	5.0	3.5	5.0	25,200	9,200	19,700	16.25	12.55	12.15	409,500	115,500	239,400
Indiana	40,350	21,380	53,240	4.5	5.0	5.5	181,600	106,900	292,800	16.01	9.68	10.48	2,907,400	1,034,800	3,068,500
Iowa	2,040	1,770	2,380	5.0	3.5	5.0	10,200	6,200	11,900	17.00	12.00	13.38	173,400	74,400	159,200
Kentucky	5,160	3,140	4,300	4.2	3.5	4.0	21,700	11,000	17,200	13.26	10.00	11.00	287,700	110,000	189,200
Maryland	44,550	12,190	37,170	3.5	3.5	3.5	155,900	42,700	130,100	21.98	12.15	14.66	3,426,700	518,800	1,907,300
Michigan	1,710	960	2,040	5.5	5.6	5.0	9,400	5,400	10,200	15.00	13.57	10.50	141,000	73,300	107,100
Missouri	13,800	4,330	10,620	3.5	3.0	3.5	48,300	13,000	37,200	16.59	11.92	11.00	801,300	155,000	409,200
New Jersey	18,490	13,900	16,960	5.0	5.0	5.2	92,400	69,500	88,200	25.37	11.26	14.70	2,344,200	782,600	1,296,500
New York	12,020	4,880	8,780	8.5	8.0	8.0	102,200	39,000	70,200	21.32	13.65	13.72	2,178,900	532,400	963,100
Ohio	7,690	5,470	12,360	6.0	5.5	6.0	46,100	30,100	74,200	15.83	11.00	11.00	729,800	331,100	816,200
Pennsylvania	2,040	1,080	1,740	5.0	5.0	6.0	10,200	5,400	10,400	23.20	11.83	11.20	236,600	63,900	116,500
Tennessee	5,690	1,400	5,580	3.5	3.0	4.5	19,900	4,200	25,100	20.05	11.33	14.18	399,000	47,600	355,900
Utah	3,720	850	3,220	9.6	10.0	10.5	35,700	8,500	33,800	15.00	8.00	8.63	535,500	68,000	291,700
Virginia	16,820	2,090	8,790	3.5	3.0	2.7	58,900	6,300	23,700	25.12	14.92	13.66	1,479,600	94,000	323,700
Other States	2,570	1,250	2,470	4.0	3.3	4.1	10,300	4,100	10,100	16.87	15.50	12.66	173,800	63,600	127,900
Total	237,870	87,940	215,680	4.7	4.7	5.1	1,124,700	416,700	1,102,000	19.72	11.54	12.63	22,180,200	4,810,600	13,917,700

Acreage, Yield Per Acre, Production, Price Paid by Canners, and Total Value of Certain Truck Crops Produced for Manufucture, 1920–1922—Continued.

Sweet Corn.

State.	Acreage.			Yield per acre.			Production.			Price per unit paid by canners.			Total value.		
	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*						
Illinois	48,540	27,580	34,760	2.2	2.6	2.2	106,800	71,700	76,500	$19.75	$12.67	$9.77	$2,109,300	$908,400	$747,400
Iowa	55,850	18,520	32,120	2.3	2.8	3.0	128,500	51,900	96,400	15.60	8.60	7.20	2,004,600	446,300	694,100
Maine	15,820	10,040	14,270	3.1	3.2	2.5	49,000	32,100	35,700	30.00	27.60	27.50	1,470,000	886,000	981,800
Ohio	30,970	13,790	20,310	2.0	2.5	2.2	61,900	34,500	44,700	18.67	10.29	8.70	1,155,700	355,000	388,900
New York	27,070	14,850	16,670	2.0	2.3	2.0	54,100	34,200	33,300	22.28	18.29	16.59	1,205,300	625,500	552,400
Maryland	24,590	14,660	22,260	2.6	2.5	2.6	63,900	36,600	57,900	23.00	11.70	10.00	1,469,700	428,200	579,000
Wisconsin	10,870	7,640	8,490	2.0	2.8	2.5	21,700	21,400	21,200	15.50	11.22	10.54	336,400	240,100	223,400
Indiana	15,080	9,180	13,730	2.5	2.9	2.0	37,700	26,600	27,500	18.50	12.00	10.00	697,400	319,200	275,000
Minnesota	11,860	7,700	11,660	2.5	2.8	2.0	29,600	21,600	23,300	15.00	10.40	9.14	444,000	224,600	213,000
Michigan	6,950	4,270	5,510	2.0	2.2	2.0	13,900	9,400	11,000	14.46	15.00	11.41	201,000	141,000	125,500
Delaware	3,000	1,570	5,540	1.8	2.0	2.7	5,400	3,100	15,000	15.60	9.00	10.00	84,200	27,900	150,000
Vermont	2,140	1,820	1,960	2.2	2.3	2.0	4,700	4,200	3,900	20.00	15.00	15.00	94,000	63,000	58,500
Pennsylvania	3,430	990	1,750	2.2	2.7	2.4	7,500	2,700	4,200	17.00	14.00	10.00	127,500	37,800	42,000
All other	9,900	3,190	5,690	2.2	2.9	2.0	21,800	9,300	11,400	13.55	13.98	8.07	295,400	130,000	92,000
Total	266,070	135,800	194,720	2.3	2.6	2.4	606,500	359,300	462,000	19.28	13.45	11.09	11,694,500	4,833,000	5,123,000

Cabbage for Kraut.

	Acres.	*Acres.*	*Acres.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*	*Tons.*						
Colorado	100	70	220	14.2	11.7	12.0	1,400	800	2,600	$8.00	$13.00	$12.65	$11,200	$10,400	$32,900
Illinois	470	240	910	7.0	4.8	7.7	3,300	1,200	7,000	15.69	20.83	7.45	51,800	25,000	52,200
Indiana	360	.....	630	7.0	.....	8.0	2,500	.....	5,000	7.50	.....	6.90	18,800	.....	34,500
Iowa	140	.....	500	7.7	.....	6.0	1,100	.....	3,000	10.96	.....	7.62	12,100	.....	22,900
Michigan	1,500	1,180	1,880	8.0	10.0	12.0	12,000	11,800	22,600	7.65	12.45	6.41	91,800	146,900	144,900
Minnesota	370	540	1,460	4.9	7.0	10.0	1,800	3,800	14,600	10.00	7.16	4.68	18,000	27,200	68,300
New York	2,410	1,980	4,420	8.8	8.0	10.0	21,200	15,800	44,200	10.46	13.04	7.05	221,800	206,000	311,600
Ohio	1,540	920	1,380	7.5	8.3	11.0	11,600	7,600	15,200	8.36	14.34	5.29	97,000	109,000	80,400
Washington	180	150	330	11.3	8.0	14.5	2,000	1,200	4,800	12.00	16.00	10.00	24,000	19,200	48,000
Wisconsin	980	1,670	3,500	8.6	10.6	11.0	8,400	17,700	38,500	7.64	24.31	5.30	64,200	430,300	204,000
Other States	270	290	520	6.6	11.4	8.2	1,800	3,300	4,300	14.50	16.76	9.75	26,100	55,300	41,900
Total	8,320	7,040	15,750	8.1	9.0	10.3	67,100	63,200	161,800	9.49	16.29	6.44	636,800	1,029,300	1,041,600

Commercial Acreage, Yield Per Acre, Production, Price, and Farm Value of Certain Truck Crops, 1920–1922.

Asparagus.

State.	Acreage.			Yield per acre.			Production.			Price per unit.			Farm value.		
	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*						
California	4,952	5,247	5,135	150	165	170	742,800	865,800	873,000	$2.12	$1.95	$3.64	$1,574,700	$1,688,300	$3,177,700
Delaware	435	435	437	66	68	64	28,700	29,600	28,000	3.67	4.12	4.62	105,300	122,000	129,400
Georgia	1,151	1,479	1,515	40	60	62	46,000	88,700	94,900	2.84	2.81	3.95	130,600	249,200	370,900
Illinois	2,083	2,115	2,167	99	98	77	206,200	207,300	166,900	2.27	2.10	2.65	468,100	435,300	442,300
Iowa	75	75	80	72	76	76	5,400	5,700	6,100	1.20	2.00	2.60	6,500	11,400	15,900
Maryland	455	425	415	57	59	55	25,900	25,100	22,800	3.00	5.77	5.75	77,700	144,800	131,100
Massachusetts	1,055	1,090	1,110	62	68	56	65,400	74,100	62,200	4.50	5.00	5.50	294,300	370,500	342,100
Michigan	130	150	140	68	68	80	8,800	10,200	11,200	2.88	3.12	2.25	25,300	31,800	25,200
New Jersey	3,555	3,502	3,410	76	70	75	270,200	245,100	255,800	2.46	5.54	4.54	664,700	1,357,900	1,161,300
New York	162	175	135	72	70	52	11,700	12,200	7,000	4.80	3.00	2.40	56,200	36,600	16,800
Pennsylvania	710	715	695	70	68	78	49,700	48,600	54,200	7.50	4.25	7.80	372,800	206,600	422,800
South Carolina	1,715	1,765	1,596	81	79	68	138,900	139,400	108,500	2.25	2.51	5.25	312,500	349,900	569,600
Total	16,478	17,173	16,835	97	102	100	1,599,700	1,751,800	1,689,600	2.56	2.86	4.03	4,088,700	5,004,300	6,805,100

Celery.

EARLY.	*Acres.*	*Acres.*	*Acres.*	*Crts.*	*Crts.*	*Crts.*	*Crates.*	*Crates.*	*Crates.*						
Florida	1,729	2,265	2,910	704	768	650	1,217,200	1,739,500	1,891,500	$2.53	$1.60	$2.28	$3,079,500	$2,783,200	$4,312,600
LATE.															
California	5,892	4,522	5,533	160	130	154	942,700	587,900	852,100	4.29	3.09	2.82	4,044,200	1,816,600	2,402,900
Colorado	410	397	460	200	220	212	82,000	87,300	97,500	2.50	2.00	2.95	205,000	174,600	287,600
Michigan	3,065	2,930	3,917	220	240	213	674,300	703,200	834,300	1.16	1.62	1.30	782,200	1,139,200	1,084,600
New Jersey	940	930	915	230	250	220	216,200	232,500	201,300	1.92	2.50	3.26	415,100	581,200	656,200
New York	3,024	2,936	3,536	230	215	219	695,500	631,200	774,400	2.15	2.50	1.71	1,495,300	1,578,000	1,324,200
Ohio	995	1,023	775	220	190	200	218,900	194,400	155,000	3.51	2.45	2.83	768,300	476,300	438,600
Pennsylvania	185	200	200	220	238	225	40,700	47,600	45,000	6.00	4.50	3.32	244,200	214,200	149,400
Total	14,511	12,938	15,336	198	192	193	2,870,300	2,484,100	2,959,600	2.77	2.41	2.14	7,954,300	5,980,100	6,343,500

Commercial Acreage, Yield Per Acre, Production, Price, and Farm Value of Certain Truck Crops, 1920–1922—Continued.

Cucumbers.

State.	Acreage.			Yield per acre.			Production.			Price per unit.			Farm value.		
	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922	1920	1921	1922
	Acres.	*Acres.*	*Acres.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*						
Alabama	810	1,250	1,650	158	150	180	128,000	187,500	297,000	$1.16	$0.70	$1.18	$148,500	$131,200	$350,500
Arkansas	280	920	700	180	172	120	50,400	158,200	84,000	1.09	1.02	.97	54,900	161,400	81,500
California	500	480	490	176	168	186	88,000	80,600	91,100	1.30	1.25	1.19	114,400	100,800	108,400
Delaware	520	440	470	150	165	168	78,000	72,600	79,000	.75	.70	.89	58,500	50,800	70,300
Florida	5,330	5,460	10,455	276	280	296	1,471,100	1,528,800	3,094,700	3.16	2.49	1.81	4,648,700	3,806,700	5,601,400
Illinois	1,850	1,880	1,900	184	196	164	340,400	368,500	311,600	1.00	.98	1.28	340,400	361,100	398,800
Indiana	340	160	200	166	190	174	56,400	30,400	34,800	1.13	1.44	1.70	63,700	43,800	59,200
Kentucky	180	180	200	144	160	180	25,900	28,800	36,000	1.95	1.68	1.43	50,500	48,400	51,500
Louisiana	690	700	1,000	270	250	252	186,300	175,000	252,000	1.69	2.00	1.60	314,800	350,000	403,200
Maryland	1,120	1,080	1,100	182	163	209	203,800	176,000	229,900	.83	1.14	1.07	169,200	200,600	246,000
Michigan	460	540	600	158	130	178	72,700	70,200	106,800	1.57	1.21	1.30	114,100	84,900	138,800
Minnesota	170	460	400	78	140	150	13,300	64,400	60,000	1.20	1.20	1.00	16,000	77,300	60,000
Mississippi	120	120	100	160	147	178	19,200	17,600	17,800	1.88	1.34	.97	36,100	23,600	17,300
New Jersey	1,920	1,980	2,100	266	285	319	510,700	564,300	669,900	1.40	1.10	.95	715,000	620,700	636,400
New York	2,310	2,900	3,100	152	150	184	351,100	435,000	570,400	1.68	1.21	1.02	589,800	526,400	581,800
North Carolina	1,080	1,310	2,400	253	226	222	275,400	296,100	532,800	.68	.93	.82	187,300	275,400	436,900
Ohio	1,310	1,470	1,400	162	172	164	212,200	252,800	229,600	1.00	1.12	1.18	212,200	283,100	270,900
Oregon	110	160	200	180	216	192	19,800	34,600	38,400	1.35	1.47	.75	26,700	50,900	28,800
South Carolina	1,350	1,500	1,900	234	203	301	315,900	304,500	571,900	1.65	1.83	.76	521,200	557,200	434,600
Texas	1,660	2,210	2,500	124	166	152	205,800	366,900	380,000	1.18	.85	1.37	242,800	311,900	520,600
Virginia	490	440	500	136	160	187	66,600	70,400	93,500	2.50	2.00	2.35	166,500	140,800	219,700
Wisconsin	410	560	600	156	110	160	64,000	61,600	96,000	1.25	1.35	1.20	80,000	83,200	115,200
Total	23,010	26,200	33,965	207	204	232	4,755,000	5,344,800	7,877,200	1.87	1.55	1.38	8,871,300	8,290,200	10,831,800

Green Peas.

EARLY.	*Acres.*	*Acres.*	*Acres.*	*Hmps.*	*Hmps.*	*Hmps.*	*Hampers.*	*Hampers.*	*Hampers.*						
California	6,588	6,216	6,527	80	70	62	527,000	435,100	404,700	$2.50	$4.89	$4.36	$1,317,500	$2,127,600	$1,764,500
Florida	388	380	350	50	60	54	19,400	22,800	18,900	3.25	3.00	3.76	63,100	68,400	71,100
Mississippi	660	675	900	50	65	85	33,000	43,900	76,500	2.80	2.02	1.10	92,400	88,700	84,200
North Carolina	185	180	180	70	90	82	13,000	16,200	14,800	2.32	2.40	1.97	30,200	38,900	29,200
South Carolina	275	255	300	60	75	92	16,500	19,100	27,600	1.86	2.00	2.22	30,700	55,400	61,300
Virginia	785	1,075	1,100	70	105	113	55,000	112,900	124,300	2.44	2.40	2.50	134,200	271,000	310,800
Total	8,881	8,781	9,357	75	74	71	663,900	650,000	666,800	2.51	4.08	3.48	1,668,100	2,650,000	2,321,100
LATE.															
Colorado	128	220	242	50	50	45	6,400	11,000	10,900	4.00	3.60	3.00	25,600	39,600	32,700
Delaware	193	140	170	50	60	24	9,600	8,400	4,100	2.00	1.50	1.50	19,200	12,600	6,200
Illinois	701	996	1,000	50	45	45	35,100	44,800	45,000	2.05	2.30	1.68	72,000	103,000	75,600
Indiana	400	340	325	50	55	52	20,000	18,700	16,900	3.00	2.50	1.97	60,000	46,800	33,300
Kentucky	290	280	275	65	65	60	18,800	18,200	16,500	1.68	3.23	3.00	31,600	58,800	49,500
Maryland	1,864	1,669	1,900	65	70	40	121,200	116,800	76,000	1.50	1.94	1.69	181,800	226,600	128,400
Michigan	792	760	760	60	60	70	47,500	45,600	53,200	1.95	2.20	1.87	92,600	100,300	99,500
Minnesota	145	230	240	50	55	68	7,200	12,600	16,300	2.00	2.70	1.55	14,400	34,000	25,300
New Jersey	3,500	3,595	3,300	60	65	76	210,000	233,700	250,800	2.03	1.95	1.96	426,300	455,700	491,600
New York	2,793	3,465	4,200	70	60	78	195,500	207,900	327,600	1.37	1.30	1.87	267,800	270,300	612,600
Ohio	362	790	800	60	60	50	21,700	47,400	40,000	1.58	1.50	1.86	34,300	71,100	74,400
Tennessee	235	265	350	65	80	70	15,300	21,200	24,500	1.81	1.72	1.50	27,700	36,500	36,800
Utah	137	131	150	125	80	130	17,100	10,500	19,500	2.50	2.70	2.00	42,800	28,400	39,000
Wisconsin	5,251	7,637	8,550	65	60	70	341,300	458,200	598,500	2.58	2.08	1.40	880,600	953,100	837,900
Total	16,791	20,518	22,262	63	61	67	1,066,700	1,255,000	1,499,800	2.04	1.94	1.70	2,176,700	2,436,800	2,542,800
Grand total	25,672	29,299	31,619	67	65	69	1,730,600	1,905,000	2,166,600	2.22	2.67	2.24	3,844,800	5,086,800	4,863,900

Spinach.

	Acres.	*Acres.*	*Acres.*	*Bu.*	*Bu.*	*Bu.*	*Bushels.*	*Bushels.*	*Bushels.*						
California	3,687	6,650	9,140	893	800	750	3,292,500	5,320,000	6,855,000	$0.49	$0.66	$0.60	$1,613,300	$3,511,200	$4,113,000
Maryland	3,882	3,610	3,800	481	407	425	1,867,200	1,469,300	1,615,000	.50	.70	.42	933,600	1,026,500	678,300
South Carolina	60	360	750	550	450	400	33,000	162,000	300,000	.84	1.00	1.54	27,700	162,000	462,000
Texas	8,325	8,210	9,400	253	280	270	2,106,200	2,298,800	2,538,000	.81	.55	.66	1,706,000	1,264,300	1,675,100
Virginia	4,675	5,500	6,250	378	320	350	1,767,200	1,760,000	2,187,500	.60	.68	.86	1,060,300	1,196,800	1,881,200
Total	20,629	24,330	29,340	439	453	460	9,066,100	11,010,100	13,495,500	.59	.65	.65	5,340,900	7,160,800	8,809,600

Cauliflower.

	Acres.	*Acres.*	*Acres.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*	*Crates.*						
California	5,650	6,300	6,800	273	268	300	1,542,400	1,688,400	2,040,000	$1.25	$1.00	$0.85	$1,928,000	$1,688,400	$1,734,000
Florida	105	105	90	240	275	270	25,200	28,900	24,300	.80	1.67	1.75	20,200	48,300	42,500
New York	1,747	1,852	2,245	252	274	221	440,200	507,400	496,100	1.84	2.00	2.52	810,000	1,014,800	1,250,200
Oregon	265	380	380	231	270	270	61,200	102,600	102,600	1.25	1.25	1.90	76,500	128,200	194,900
Total	7,767	8,637	9,515	266	269	280	2,069,000	2,327,300	2,663,000	1.37	1.24	1.21	2,834,700	2,879,700	3,221,600

Grain

Wheat Prices Lower on Liquidation.

Wheat future prices closed the week ending April 28 at a net decline of 1⅜¢ for the May and ⅝¢ for the July. During the early part of the week wheat prices advanced, but liquidation and selling by the various interests weakened the market later in the week. Warmer and more favorable weather in the winter wheat areas was also a depressing factor. Corn, however, developed independent strength because of an active domestic and consuming demand, and closed the week about ⅞ higher, May corn being quoted at 79¢ per bushel and July at 81¢.

Movement of wheat was in slightly larger volume than during the previous week, primary receipts showing an increase of about 200,000 bushels. The movement of corn and oats was less than during the previous week. The visible supply of all grains was smaller than for the week ending April 21, as is shown in the accompanying table. Exports of all grains were materially increased, amounting to 1,500,000 bushels of corn and 2,500,000 bushels of wheat, compared with 740,000 bushels of corn and 1,638,000 bushels of wheat for the preceding week. Active export demand was one of the strengthening factors of the wheat market.

Reported export sales totaled nearly 5,000,000 bushels. Foreign demand was principally for spring and Durum wheat and came from the United Kingdom, mostly for nearby shipment. Italy was reported to have bought Durums as far ahead as for June shipment, while Central Europe and Constantinople were in the market for Hard Winters. Germany was in the market for wheat, but bought mostly rye, taking about 1,800,000 bushels. Norway was reported as having bought a small amount of rye. The European stocks were reported to be low, which, together with smaller shipments than were expected from Argentina and other exporting countries, was said to be responsible for the stronger undertone in the Liverpool and other European markets. Prospects of settlement of the dispute between France and Germany were also strengthening factors in the export markets.

SOFT WINTER WHEAT PRICES LOWER.

The trading basis on Red Winter wheat weakened slightly at Chicago during the week under review, while Hard Winter wheat prices held firm. There was a good inquiry from both local and outside mills, but the supply of the better grades was limited. Continued cool weather in the Northwest, which further delayed the spring wheat seeding, resulted in a strong market at Minneapolis. Cash wheat prices showed a slightly easier tone, but No. 1 Dark Northern continued to sell within a range of from 2 to 23¢ over the May future prices. There was less competition for the better qualities and the bulk of the sales ranged from 5 to 15¢ over the May future. Elevator interests took the lower grades. Durum prices were unchanged, but the demand was broadened somewhat by the export business. Flour demand remained dull and milling operations were further reduced.

Soft winter wheat prices declined 3 to 7¢ during the week at St. Louis. Flour trade was dull and the demand for cash wheat other than for export, was very limited. The export demand was principally for the Hard Winter wheats, which declined only about 1¢ per bushel. The low price at St. Louis was reflected in the Cincinnati market, because of the competition between the markets in the southeastern consuming territory.

Improved weather conditions weakened the future market slightly at Kansas City, but some improvement was noticed in the demand for cash wheat. Thirteen per cent protein wheat sold around 8¢ per bushel over the July delivery and 12½% about 6¢ over the July. Dealers express an opinion that a good amount of wheat would be delivered on May contracts at the opening of the month, but mills were said to be anxious to have the wheat delivered as hedges could be transferred into the July future at a reasonable difference.

CORN MARKET CONTINUES STRONG.

The strength which has prevailed in the corn market for some time continued during the week under review, and prices reached new high levels for the crop year. Country offerings and shipments continued light. There was a good shipping demand throughout the week at Chicago and local industries were active buyers. Two cargoes of corn were sold on Saturday for eastern shipment, and offers are in the market for several more shipments to eastern lake ports. It was reported that several million bushels of corn held in the east had been taken by exporters from the western holders.

Corn was stronger and higher during the first part of the week at St. Louis, but advances were lost later when future prices declined. Local industries and elevators took most of the receipts.

Kansas City reported an abnormally heavy movement of both corn and oats to Texas, Louisiana, Mississippi, Arkansas, Kansas, and interior Missouri points. Despite the fact that Kansas City has relatively the highest market on corn, No. 3 Yellow being quoted at 86½ to 87¢, offers from the country were extremely light and local stocks were being depleted rapidly. Total stocks in elevators at the close of the week were only 820,000 bushels compared with 2,879,000 bushels a year ago. Most of the corn arriving in that market came from Iowa, with a small amount from Nebraska and South Dakota.

The oats market held fairly firm with corn. At Chicago, the offerings were very light and competition between elevator interests and other buyers was rather keen. The demand from the consuming sections in the Southwest was not so active as for corn, but large amounts continued to be taken by Texas and other southern consuming States.

	Wheat.		Corn.		Oats.	
	Apr. 23-28.	Apr. 16-21.	Apr. 23-28.	Apr. 16-21.	Apr. 23-28.	Apr. 16-21.
	Bushels.	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*	*Bushels.*
Primary receipts	5,164,000	4,979,000	3,364,000	3,792,000	3,440,000	3,848,000
Primary shipments	2,861,000	3,101,000	2,766,000	3,197,000	3,770,000	3,888,000
Visible supply	44,521,000	45,595,000	22,339,000	24,623,000	21,932,000	22,753,000
	Cars.	*Cars.*	*Cars.*	*Cars.*	*Cars.*	*Cars.*
Receipts at Chicago	203	225	559	710	358	424
Minneapolis	1,112	1,256	43	54	125	120
St. Louis	449	453	348	311	247	307
Kansas City	728	685	312	368	201	192
Cincinnati	48	43	87	74	85	36
New York	120	132	13	23	37	54

Exports of Grains and Wheat Flour from the United States, of Wheat and Wheat Flour from Canada, and Shipments of Canadian Wheat and Wheat Flour Through the United States in Transit, July–April, 1922, and 1923 and April 8 to 28, 1923.

[Source: U. S. Department of Commerce and Monthly Reports of the Trade of Canada.]

Commodity.	Unit.	10 months, July-April.		1923		
		1921-22	1922-23	Week ending Apr. 14.	Week ending Apr. 21.	Week ending Apr. 28.
		Thousands.	*Thousands.*	*Thousands.*	*Thousands.*	*Thousands.*
Exports:						
Barley	Bush.	20,233	17,135	287	128	219
Corn	...do...	153,525	84,000	808	740	1,403
Oats	...do...	6,574	18,628	95	195	226
Rye	...do...	19,468	42,298	430	312	790
Wheat	...do...	184,949	141,450	1,525	1,638	2,448
Wheat flour	Bbls.	13,776	12,954	216	289	279
In transit shipments from Canada:						
Wheat	Bush.	70,818	92,078	1,956	1,627	1,958
Wheat flour	Bbls.	1,940	2,343	11	19	36
Exports from Canada (9 mos., July-March):						
Wheat	Bush.	117,390	187,368	.....	.....	.....
Wheat flour	Bbls.	5,825	8,333	.....	.....	.....

Grain Inspected for Export.

Week of April 23-28, 1923, with Comparisons.

Grain Inspected Under Canadian Grades and Flour Not Included.

	Wheat.	Corn.	Oats.	Barley.	Rye.
	1,000 bus.	*1,000 bus.*	*1,000 bus.*	*1,000 bus.*	*1,000 bus.*
Atlantic ports [1]	1,241	690	90	298	919
Gulf ports [2]	188	265	25	.....	30
Pacific ports [3]	120	.....	.....	79	.....
Total:					
April 23-28, 1923	1,549	955	115	377	949
April 16-21, 1923	1,638	1,879	187	397	506
April 24-29, 1922	1,283	2,382	688	83	890
July 1, 1922-Apr. 28, 1923	118,142	53,263	13,922	21,359	34,543
July 1, 1921-Apr. 29, 1922	170,882	86,309	5,146	20,802	12,719

[1] Boston, New York, Philadelphia, Baltimore, Portland, Me., Norfolk, and Newport News.
[2] New Orleans, Galveston, Texas City, and Port Arthur, Tex.
[3] Seattle, Portland, Oreg., Tacoma, Astoria, and San Francisco.

Grain Prices and Sales.

Weighted Average Prices and Number of Cars of Cash Sales at Stated Markets, Week of April 21 to 27, 1923, with Comparisons.

Wheat.

Market and grade.	Prices. Apr. 21-27, 1923.	Prices. Apr. 14-20, 1923.	Prices. Apr. 21-27, 1922.	Sales. Apr. 21-27, 1923.	Sales. Apr. 14-20, 1923.	Sales. Apr. 21-27, 1922.	Total of crop year to Apr. 27. 1922-23	Average 3 previous crop years.	1922-23 as per cent of 3-yr. av.
CHICAGO.									
	Cents.	Cents.	Cents.	Cars.	Cars.	Cars.	Cars.	Cars.	P. ct.
Dark Northern Spring.....No. 1	130	135	.....	1	1	.....	408	168	243
No. 2	.....	.....	.....	.....	.....	.....	75	156	48
Northern Spring .....No. 2	.....	.....	150	.....	.....	1	32	199	16
Hard Winter..No. 2	127	127	143	23	15	27	2,157	1,655	130
No. 3	126	126	136	3	1	6	264	748	35
Yellow Hard Winter.....No. 2	127	127	145	14	10	2	1,382	871	159
No. 3	126	126	139	5	6	3	583	674	87
Red Winter...No. 2	133	133	148	4	2	1	705	1,611	44
No. 3	132	133	141	3	5	2	761	1,307	58
MINNEAPOLIS.									
Dark Northern Spring.....No. 1	137	136	172	313	332	31	29,200	5,661	516
No. 2	131	131	167	82	81	28	4,754	2,935	162
No. 3	127	126	161	37	39	91	2,776	6,676	42
Northern Spring .....No. 1	133	133	163	131	113	1	9,444	640	1,476
No. 2	130	128	168	93	106	1	5,285	366	1,443
No. 3	127	125	152	59	73	8	2,441	951	257
Amber DurumNo. 2	121	119	141	25	28	16	1,609	1,471	109
KANSAS CITY.									
Dark Hard Winter .....No. 2	126	126	154	12	14	52	1,688	2,061	82
No. 3	126	126	153	8	10	27	2,114	1,477	143
Hard Winter..No. 2	122	122	140	131	120	166	7,854	8,269	95
No. 3	122	122	137	187	138	73	10,814	5,908	183
Yellow Hard Winter.....No. 2	120	121	133	2	4	3	344	245	140
No. 3	120	119	.....	4	6	.....	466	212	220
Red Winter...No. 2	135	132	131	1	1	5	402	2,344	17
No. 3	129	129	130	4	3	7	1,500	2,088	72
OMAHA.									
Dark Hard Winter .....No. 2	126	124	148	9	12	5	899	2,866	31
No. 3	126	126	144	6	5	2	954	1,399	68
Hard Winter..No. 2	119	119	135	58	47	68	4,022	2,819	143
No. 3	119	120	133	17	19	26	1,716	2,369	72
Yellow Hard Winter.....No. 2	118	.....	133	8	.....	21	369	1,354	27
No. 3	118	.....	132	5	.....	21	191	1,219	16
ST. LOUIS.									
Hard Winter..No. 2	127	128	140	8	10	15	571	578	99
Red Winter...No. 2	138	143	142	25	13	22	1,827	4,953	37
No. 3	135	138	135	66	51	32	4,471	3,303	135
FIVE MARKETS.									
All sales.....	127	129	145	1,344	1,265	763	102,078	69,553	147

Corn.

Market and grade.	Prices. Apr. 21-27, 1923.	Prices. Apr. 14-20, 1923.	Prices. Apr. 21-27, 1922.	Sales. Apr. 21-27, 1923.	Sales. Apr. 14-20, 1923.	Sales. Apr. 21-27, 1922.	Total of crop year to Apr. 27. 1922-23	Average 3 previous crop years.	1922-23 as per cent of 3-yr. av.
CHICAGO.									
White.....No. 2	83	81	62	69	37	20	1,320	433	304
No. 3	81	80	61	40	81	19	3,210	1,303	247
Yellow.....No. 2	83	82	62	149	108	128	3,149	1,635	193
No. 3	82	81	61	107	176	127	9,988	3,766	273
Mixed.....No. 2	82	81	62	37	49	68	1,601	930	173
No. 3	81	80	60	110	125	91	4,559	1,821	250
MINNEAPOLIS.									
Yellow.....No. 3	77	77	54	14	21	22	1,003	709	141
KANSAS CITY.									
White.....No. 2	85	83	56	27	12	31	623	546	114
No. 3	.....	.....	.....	.....	.....	.....	41	244	17
Yellow.....No. 2	86	84	56	19	27	28	671	267	251
No. 3	86	83	57	12	17	10	332	213	156
Mixed.....No. 2	85	82	56	8	9	32	658	392	158
No. 3	84	82	55	4	1	3	140	468	30

Corn—Continued.

Market and grade.	Prices. Apr. 21-27, 1923.	Prices. Apr. 14-20, 1923.	Prices. Apr. 21-27, 1922.	Sales. Apr. 21-27, 1923.	Sales. Apr. 14-20, 1923.	Sales. Apr. 21-27, 1922.	Total of crop year to Apr. 27. 1922-23	Average 3 previous crop years.	1922-23 as per cent of 3-yr. av.
OMAHA.									
White.....No. 2	83	79	53	3	9	47	613	287	214
No. 3	80	78	53	4	6	20	226	257	88
Yellow.....No. 2	83	80	53	16	36	67	1,289	533	242
No. 3	83	79	53	9	20	24	931	464	201
Mixed.....No. 2	82	79	52	10	11	40	641	356	180
No. 3	80	78	51	5	13	17	292	320	91
ST. LOUIS.									
White.....No. 2	84	84	60	30	29	51	763	342	223
No. 3	84	82	59	23	27	4	524	380	138
Yellow.....No. 2	86	84	61	59	27	25	1,157	553	209
No. 3	85	83	60	46	51	13	1,963	675	291
Mixed.....No. 2	85	83	59	18	14	7	376	282	133
No. 3	84	82	58	20	11	7	426	278	153
FIVE MARKETS.									
All sales.....	83	81	58	839	917	901	36,496	17,454	209

Oats.

Market and grade.	Prices. Apr. 21-27, 1923.	Prices. Apr. 14-20, 1923.	Prices. Apr. 21-27, 1922.	Sales. Apr. 21-27, 1923.	Sales. Apr. 14-20, 1923.	Sales. Apr. 21-27, 1922.	Total of crop year to Apr. 27. 1922-23	Average 3 previous crop years.	1922-23 as per cent of 3-yr. av.
CHICAGO.									
White.....No. 2	47	47	40	124	170	70	6,993	5,922	118
No. 3	46	46	39	128	140	204	8,562	9,492	90
MINNEAPOLIS.									
White.....No. 2	44	44	37	18	19	12	2,007	723	278
No. 3	43	43	36	36	47	44	4,656	4,662	100
KANSAS CITY.									
White.....No. 2	47	47	.....	2	3	.....	139	177	78
No. 3	46	47	38	31	42	7	1,067	839	127
OMAHA.									
White.....No. 3	45	44	35	38	41	27	1,829	1,372	133
ST. LOUIS.									
White.....No. 2	48	47	40	35	22	11	1,059	639	166
No. 3	47	47	39	40	52	75	2,542	3,142	81
FIVE MARKETS.									
All sales.....	46	46	39	452	536	450	28,854	26,968	107

Rye.

Market and grade.	Prices. Apr. 21-27, 1923.	Prices. Apr. 14-20, 1923.	Prices. Apr. 21-27, 1922.	Sales. Apr. 21-27, 1923.	Sales. Apr. 14-20, 1923.	Sales. Apr. 21-27, 1922.	Total of crop year to Apr. 27. 1922-23	Average 3 previous crop years.	1922-23 as per cent of 3-yr. av.
CHICAGO.									
No. 2.....	86	87	109	28	25	6	1,035	879	118
MINNEAPOLIS.									
Western.....No. 2	81	82	102	26	16	8	2,470	2,434	101

Closing Prices of Grain Futures, April 27, 1923, with Comparisons.

Wheat.

Market.	May futures. 1923 Apr. 27.	May futures. 1923 Apr. 20.	May futures. 1922 Apr. 27.	May futures. 1922 Apr. 20.	July futures. 1923 Apr. 27.	July futures. 1923 Apr. 20.	July futures. 1922 Apr. 27.	July futures. 1922 Apr. 20.
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
Chicago.....	125¼	124⅛	141½	143¼	123⅛	122¼	126⅛	125⅝
Minneapolis.....	126¼	125⅞	152	150⅝	128	126¾	143⅞	140⅞
Kansas City.....	117¼	117⅛	126⅛	130⅞	115⅝	114⅞	117⅛	117⅞
Winnipeg.....	122¼	122	140⅝	140⅞	124¼	123⅝	138⅞	138⅝
Liverpool.....	130⅛	128⅝	.....	.....	126⅛	126⅜	.....	.....

Corn.

Market.	May futures. 1923 Apr. 27.	May futures. 1923 Apr. 20.	May futures. 1922 Apr. 27.	May futures. 1922 Apr. 20.	July futures. 1923 Apr. 27.	July futures. 1923 Apr. 20.	July futures. 1922 Apr. 27.	July futures. 1922 Apr. 20.
Chicago.....	80⅛	78⅞	60⅜	61⅛	81⅜	80⅞	64⅝	65
Kansas City.....	81½	79	54¼	55⅜	80½	78¾	58⅛	58⅝

Oats.

Market.	May futures. 1923 Apr. 27.	May futures. 1923 Apr. 20.	May futures. 1922 Apr. 27.	May futures. 1922 Apr. 20.	July futures. 1923 Apr. 27.	July futures. 1923 Apr. 20.	July futures. 1922 Apr. 27.	July futures. 1922 Apr. 20.
Chicago.....	45	45⅛	37⅜	37⅞	45⅞	46	40⅜	40⅝
Winnipeg.....	51⅜	51¾	51	50	51¼	51½	50⅝	49⅞

Receipts of Wheat for March, 1923.

[Showing amount of wheat of each class and grade, in terms of carloads, inspected on arrival at all inspection points by inspectors licensed under the United States grain standards act.]

Subclasses and grades.	Minneapolis.	Duluth.	Milwaukee.	Chicago.	Buffalo.	New York.	Philadelphia.	Boston.	Baltimore.	New Orleans.	Galveston.	Kansas City, Mo. and Kans.	Omaha.	Wichita.	Fort Worth.	St. Louis and East St. Louis.	Indianapolis.	Cincinnati.	Seattle.	Portland.	St. Joseph.	All other inspection points.	Total, Mar., 1923.	Total, Feb., 1923.	Total, July, 1922–Mar., 1923.	Total, July, 1921–Mar., 1922.
Dark Northern Spring. No. 1	2,136	133	3	28	12	279	500	289					33				1		30	86		506	4,036	4,071	60,821	22,654
No. 2	431	37	1	12	2	2							7						5	4		115	616	396	9,592	11,287
No. 3	166	12	1	6	1		12						5						6	2		70	281	206	5,728	19,287
All others	121	11	4	8	4	7	8						6	1								19	189	174	5,081	22,146
Total	2,854	193	9	54	19	288	520	289					51	1			1		41	92		710	5,122	4,847	81,222	75,374
Northern Spring. No. 1	1,213	33	4	5	1								8						74	12		175	1,525	934	14,996	2,868
No. 2	850	33	3	2									3						13	2		96	1,002	651	8,347	1,364
No. 3	373	17	7	4									3						10			52	466	348	4,020	1,457
All others	250	20	8	8	1					1			1			1						23	313	229	2,903	2,349
Total	2,686	103	22	19	2					1			15			1			97	14		346	3,306	2,162	30,266	8,038
Red Spring. No. 1	12	1			1														7			9	30	13	153	53
No. 2	10																		1				11	12	88	104
No. 3	6																					3	9	8	71	95
All others	13	1	1																			1	16	9	99	73
Total	41	2	1		1														8			13	66	42	411	325
Total Hard Red Spring	5,581	298	32	73	22	288	520	289		1			66	1		1	1		146	106		1,069	8,494	7,051	111899	83,737
Amber Durum. No. 1	75	78		5		13																21	192	126	1,970	1,696
No. 2	148	299		1		117	122		12				6						2			28	735	657	8,109	10,755
No. 3	20	107		1		3	3						3						2			10	149	103	1,626	3,081
All others	6	58		1	1	1																3	70	44	765	1,716
Total	249	542		8	1	134	125		12				9						4			62	1,146	930	12,470	17,248
Durum. No. 1	44	22	2			2	1						8						4			17	100	92	1,293	150
No. 2	205	301	3	5	5	184	172		42	3		3	31		2	7			2			79	1,044	884	1,092	1,588
No. 3	103	183	3		6	55	15		10	12			14		1							35	437	321	4,221	1,522
All others	81	223	5	5	21	1	2		5	2			12						2			53	412	325	3,711	2,606
Total	433	729	13	10	32	242	190		57	17		3	65		3	7			8			184	1,993	1,622	20,146	5,866
Red Durum. No. 1	99	144	4	14	1	1				1	1	5	10			5			8			43	336	245	5,085	2,449
No. 2	97	103	13	17	16	17	25		2	29	7	10	18			4			1			37	396	109	4,821	3,436
No. 3	24	41	7	9	6	7	6		1	4	3		1						1			7	117	142	1,588	1,563
All others	33	31	2	6	1	6				6			2			1						7	95	106	1,195	601
Total	253	319	26	46	24	31	31		3	40	11	15	31			10			10			94	944	902	12,689	8,049
Total Durum	935	1,590	39	64	57	407	346		72	57	11	18	105		3	17			22			340	4,083	3,454	45,305	31,163
Dark Hard Winter. No. 1	63	2		1		2					1	3	8	3	8				13	34		149	289	365	6,144	8,823
No. 2	25			11		42						63	39	18	17	7			30	74	4	215	545	499	10,885	21,355
No. 3				1							6	65	45	8	5	1			31	76	8	130	376	347	8,481	10,680
All others	1										1	32	7	8	1	2			7	25	1	38	123	125	4,427	7,360
Total	89	2		13		44					8	165	99	37	31	10			81	209	13	532	1,333	1,336	29,937	48,218
Hard Winter. No. 1	26		2	49						1	1	15	44	3	10	19			31	9	1	169	380	260	11,983	24,735
No. 2	46		2	448	69	86	32	1		3	33	928	451	57	52	85			22	23	50	863	3,251	2,989	60,005	98,175
No. 3	6			16						1	60	688	133	346	74	10	1		3	2	28	1,127	2,495	2,995	45,279	39,662
All others	7		1	29	1	1				10	30	382	87	223	31	10					11	505	1,328	1,642	32,668	37,340
Total	85		5	542	70	87	32	1		15	124	2,013	715	629	167	124	1		56	34	90	2,664	7,454	7,886	149935	199912
Yellow Hard Winter. No. 1	1		1	3								1				3	2	1			1	3	16	10	1,116	1,757
No. 2			3	46	1		2			18	4	24	53			143				1	22	48	365	400	10,504	10,276
No. 3			1	22						3	6	14	14	5		41				1	28	19	156	139	4,039	4,182
All others	1			10						2		3	25	2		31		1			12	14	101	113	3,364	3,826
Total	2		5	81	1		2			25	10	41	93	7		218	2	2		2	63	84	638	662	19,023	20,041
Total Hard Red Winter	176	2	10	636	71	131	34	1		40	142	2,219	907	673	198	352	3	2	137	245	166	3,280	9,425	9,884	198895	268171
Red Winter. No. 1	2						1									1		6	7		1	65	83	62	1,670	2,182
No. 2				12	16	3	14		1			10			3	77	43	105	11	3	13	375	686	649	20,660	22,321
No. 3				11	2	1	2		7	1		56		1	6	237	26	124	6	2	7	291	780	809	20,319	25,157
All others				7			12		10		3	85		1	6	192	22	66	7	5	14	208	638	621	23,461	26,744
Total	2			30	18	4	29		18	1	3	151		2	15	507	91	301	31	10	35	939	2,187	2,141	66,110	76,404
Western Red. No. 1																			15	1		17	33	52	866	1,607
No. 2																			12	3		23	38	80	831	910
No. 3																			1			4	5	33	206	65
All others																			1	2			3	4	50	60
Total																			29	6		44	79	169	1,953	2,642
Total Soft Red Winter	2			30	18	4	29		18	1	3	151		2	15	507	91	301	60	16	35	983	2,266	2,310	68,063	79,046
Hard White. No. 1																				7		34	41	45	2,232	1,662
No. 2																			8	15		36	59	37	1,239	2,719
No. 3																			18	15		27	60	80	1,148	2,041
All others																			7	9		23	39	57	1,012	1,166
Total																			33	46		120	199	219	5,631	7,588
Soft White. No. 1												7				9				2		46	64	51	1,143	953
No. 2				2	14		1		1			1				1			9	8		182	219	191	4,197	7,513
No. 3																			9	4		28	41	58	1,146	2,158
All others	1																			1		7	9	8	192	401
Total	1			2	14		1		1			8				10			18	15		263	333	308	6,678	11,025
Western White. No. 1																1			1	10		8	20	46	1,831	2,089
No. 2																			50	27		67	144	146	4,223	7,332
No. 3																			25	28		60	113	163	3,355	2,686
All others																			31	4		21	56	81	960	309
Total																1			107	69		156	333	436	10,369	12,416
Total White Wheat	1			2	14		1		1			8				11			158	130		539	865	963	22,678	31,029
Mixed Wheat. No. 1	274	242	6	7	1	50	45		1		5	3	38		4	17	1	1	40	21		198	954	683	11,109	8,652
No. 2	181	332	25	37	22	401	217		5	46	26	29	45	4	24	95	10	4	15	22	7	390	1,937	1,886	26,154	30,323
No. 3	85	199	10	10	4	61	58		3	24	4	67	21	5	60	24	3		20	27	4	257	946	719	13,307	15,490
All others	102	156	28	12	20	12	10			33	13	82	20	15	33	13	2	5	3	15	3	154	731	637	12,351	13,006
Total Mixed Wheat	642	929	69	66	47	524	330		9	103	48	181	124	24	121	149	16	10	78	85	14	999	4,568	3,925	62,921	67,471
Total, March, 1923	7,337	2,819	150	871	229	1,354	1,260	290	100	202	204	2,577	1,202	700	337	1,037	111	313	601	582	215	7,210	29701			
Total, February, 1923	4,706	2,467	175	620	182	1,145	2,238	150	185	290	281	2,941	1,187	938	244	1,008	121	290	641	567	296	6,915		27587		
Total, July, 1922–Mar., 1923	83490	45789	1529	28216	1931	17753	26972	4801	9899	17159	11752	52007	19537	14231	7667	17994	2664	2821	6888	14848	6,017	115796			509761	
Total, July, 1921–Mar., 1922	71993	36571	2087	25725	1234	21783	11202	3308	9096	22236	33189	82373	19819	16527	5110	22590	2483	2560	6532	24294	6,056	133849				560617

Receipts of Oats During March, 1923.

[Amount of each class and grade, in terms of carloads, inspected on arrival at all inspection points by inspectors licensed under the United States grain standards act.]

Points at which received.	White.						Mixed.						Red.						Black and gray.						Total Mar., 1923.	Total Feb., 1923.	Total July 1, 1922–Mar. 31, 1923.	Total July 1, 1921–Mar. 31, 1922.
	No. 1.	No. 2.	No. 3.	No. 4.	S. G.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	S. G.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	S. G.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	S. G.	Total.				
Chicago	88	994	912	209	27	2,230			1		1	2													2,232	1,759	25,516	31,016
Milwaukee	1	91	676	110	15	893			2		1	3													896	962	8,090	9,130
Minneapolis	22	164	345	200	57	788					25	25													813	674	10,762	15,967
New York		121	192	62	9	384																			384	88	6,131	4,458
St. Louis and East St. Louis	36	242	557	104	21	960	1	6	1			8	1	13	5	2	1	22							990	619	7,893	8,103
Buffalo	1	302	139	35	12	489		1				1													490	308	3,524	4,249
Indianapolis	2	349	102	42	6	501	4	8	3		5	20													521	311	4,126	5,798
Omaha	3	46	466	234	58	807			2			2													809	505	6,153	4,054
Peoria		133	43	11	3	190		1				1													191	129	2,750	3,128
Cairo		108	801	81	5	995			2			2		2	1			3							1,000	529	6,866	4,583
Cincinnati		143	50	18	9	220	2	3			2	7													227	98	1,385	1,692
Memphis	8	149	347	22	6	532			1			1		1				1							534	282	4,147	3,276
Louisville	6	207	125	23	8	369		2				2													371	220	1,852	2,223
Kansas Cities	1	38	407	50	10	506		2	2		3	7		3	2	1		6							519	505	4,595	4,441
Philadelphia		24	46	3		73																			73	75	1,841	830
Denver		13	61	9	1	84																			84	50	756	307
Nashville		176	125	42	10	353		9	5		1	15		2		3		5							373	236	2,898	2,739
Detroit		73	10			83																			83	45	926	643
Seattle	3	6	5	14	6	34																			34	17	461	569
Portland	4	32	6		1	43													1	1	1		2	5	48	39	678	857
Cleveland		28	45	8	1	82																			82	103	1,253	1,427
Duluth		5	25	16	1	47																			47	57	848	1,719
New Orleans		1	10			11																			11	78	682	740
Fort Worth		4	55	2		61								4	4	2	10								71	75	901	764
Baltimore	1	35	23	7		66				1	1														67	42	1,507	553
Sioux City	2	59	248	27		336																			336	179	2,561	1,951
Boston		5	2	1		8																			8	5	904	684
Atlanta																									0	0	3	2
Galveston		1	1			2																			2	1	111	107
Wichita			10			10																			10	21	132	169
St. Joseph		6	52	9		67									1			1							68	95	712	393
All other inspection points	28	792	1,592	293	55	2,769		2	2		1	5		13	15	6		34							2,799	2,136	24,932	
Total, Mar., 1923	206	4,347	7,478	1,632	321	13,981	7	34	21		10	102	1	34	28	16	3	82	1	1	1		2	5	14,173			
Total, Feb., 1923	123	2,551	5,877	1,150	221	9,922	8	37	12	12	28	97	3	155	50	13	2	223			1			1		10,243		22,472
Total, July 1, 1922, to Mar. 31, 1923	1,639	35,959	77,957	13,239	3,031	131,825	50	355	254	57	339	1,055	80	1,091	1,230	372	125	2,898	43	27	23	18	7	118			135,896	139,044
Total, July 1, 1921, to Mar. 31, 1922	1,943	22,359	77,558	21,967	5,298	132,125	79	396	601	278	151	1,505	94	1,186	1,659	1,717	528	5,184	114	58	37	10	11	230				

Receipts of Shelled Corn During March, 1923.

[Showing amount of shelled corn of each class and grade in terms of carloads inspected on arrival at all inspection points by inspectors licensed under the United States grain standards act.]

Points at which received.	White.						Yellow.						Mixed.						Total, Mar., 1923.	Total, Feb., 1923.	Total, Oct. 1, 1922–Mar. 31, 1923.	Total, Oct. 1, 1921–Mar. 31, 1922.
	No. 1.	No. 2.	No. 3.	No. 4.	All others.	Total.	No. 1.	No. 2	No. 3.	No. 4.	All others.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	All others.	Total.				
Chicago	1	143	602	84	6	836	4	394	2,247	432	37	3,114	2	192	856	276	34	1,360	5,310	8,391	46,864	59,284
Omaha	25	135	38	3	1	202	29	364	211	14	5	623	16	198	62	4	7	287	1,112	1,876	10,678	11,895
Peoria		9	49	3		61		31	523	46	3	603		15	124	22	2	163	827	900	7,980	8,309
Kansas cities	5	267	22		2	296	2	335	202	11		550	2	196	54	5	3	260	1,106	1,380	6,496	9,583
St. Louis and E. St. Louis	17	325	111	9	2	494	4	321	572	76	5	978		99	69	7	3	178	1,650	1,636	9,982	12,480
Milwaukee		12	113	11		136	2	65	468	79	5	619	2	36	280	92	10	420	1,175	1,656	7,254	11,494
Indianapolis		75	341	27	11	454		42	478	92	6	618		7	67	18	1	93	1,165	989	8,956	9,408
Minneapolis		7	15	2		24	6	60	286	79	7	438	3	27	172	87	10	299	761	712	4,615	9,663
Buffalo		3	20			23		146	767	134	45	1,092		6	8	3	2	19	1,134	764	5,600	6,204
Cincinnati	5	10	52	10	4	81		12	123	67	3	205			24	16	2	42	328	327	2,200	2,231
Memphis	3	42	25			70		239	229	15	1	484		2	2			4	558	348	2,492	1,487
Louisville	10	73	99	8		190		17	141	29	1	188		3	8	2		13	391	423	2,133	1,520
Sioux City	3	35	6			44	7	419	162		4	592	4	119	51	1	3	178	814	954	5,248	6,277
Philadelphia		14	20		2	36		70	105	26	1	202		98	177	22	2	299	537	544	4,005	6,284
Nashville	16	155	102	10	1	284	105	34	4			143		8	2	2		12	439	283	1,825	991
Cleveland			2			2		12	106	51	7	176		2	39	20	2	63	241	270	1,113	1,219
Baltimore		22	67	3	8	100		135	132	35	11	313		211	280	19	9	519	932	1,920	8,463	21,523
New Orleans		196	23		5	224		172	313	14	1	500		269	32	1		302	1,026	926	9,482	15,529
Denver	2	15	5			22	53	117	30	1	1	202	75	72	8	3	2	160	384	472	3,186	1,939
Detroit		3	8		1	12		12	68	11	1	92			4	1	3	8	112	78	691	1,030
Wichita	12	8				20	4	11	5			20	7	41	13		3	64	104	136	807	423
Seattle			1			1	2	26	60	3		91		4	4			8	100	101	721	577
Fort Worth	8	48	8			64	2	25	25	1		53	2	36	3			41	158	185	1,019	1,054
Portland							2	41	6			49		5	2			7	56	47	327	258
Atlanta																			0	0	0	2
Galveston		7				7		4				4		4	1			5	16	14	98	90
Duluth		1	2	1		4		2	29	4		35		1	20	11	3	35	74	79	407	5,718
New York		13	8			21		42	48	31	3	124	1	161	104	2	1	269	414	1,126	6,394	10,392
St. Joseph	1	142	13		3	159		139	53	1	1	194		43	29		1	73	426	737	3,432	3,561
All other inspection points	24	543	457	64	15	1,103	26	936	2,419	558	96	4,035	17	522	733	218	19	1,509	6,647	7,138	39,222	41,975
Total, Mar., 1923	132	2,303	2,239	235	61	4,970	248	4,223	9,812	1,810	244	16,337	131	2,377	3,228	832	122	6,690	27,997			
Total, Feb., 1923	119	3,017	2,489	386	61	6,102	146	4,368	11,937	2,616	422	19,489	181	3,445	3,905	1,127	163	8,821		34,412		
Total, Oct. 1, 1922, to Mar. 31, 1923	1,111	16,750	14,010	3,419	1,256	36,546	3,195	36,413	54,238	15,422	6,500	115,768	1,932	23,332	16,641	5,682	1,792	49,379			201,693	
Total, Oct. 1, 1921, to Mar. 31, 1922	7,606	18,136	10,948	5,285	3,309	45,284	15,236	42,992	42,115	11,052	16,364	133,759	7,561	36,009	30,119	5,966	3,802	83,357				262,400

Seeds

Seed Sales Continue in Fair Volume.

Sales of seeds in Middle Western, Eastern, and North Central States were fairly large for the week ending April 28. Many small, rush orders were reported. The season is about two weeks late in a number of sections and corn-planting time is at hand with still some sowing of grass seed to be done.

Reviewing the seed trade during April, the weather was more favorable for sowing than in March, which tended to stimulate sales of seed. Although no particular rush of business was reported, the sales were fairly steady throughout the month and indications pointed to a few weeks more of activity. More kinds of seeds showed increases than declines in prices between the first and last of the month. White clover and Sudan grass prices advanced $1.75 and $1 per 100 pounds, respectively, and alfalfa, sweet clover, cowpeas, and soy beans advanced 15¢–25¢. Millets averaged about 10¢ higher. Declines of 25¢–50¢ were shown for red, alsike, and crimson clover and drops of 10¢–20¢ for Kentucky bluegrass, timothy, redtop, sorgos, and rape were indicated from prices prevailing March 31 and April 28.

Clovers and alfalfa.—Red clover prices declined 25¢–50¢ in a few important markets during the week ending April 28. White clover was higher in some markets and sweet clover and alfalfa prices were unchanged but firm. Approximately 9,000 pounds of white clover, subject to the seed importation act, from Germany and a Baltic port arrived at New York.

Grasses.—Prices for timothy, redtop, Kentucky bluegrass, and orchard grass remained at the preceding week's levels in a majority of markets. A fair export demand for this time of the year was reported for the first three mentioned. During the week about 95,000 pounds of timothy was exported from New York to Norway, Denmark, and Great Britain. Approximately 11,000 pounds of meadow fescue was exported to Great Britain.

No imports of consequence were reported for the Ontario, Canada, district during the week ending April 28, but for the preceding two weeks 1,309,997 pounds of timothy, 114,019 pounds of red clover, 63,681 pounds of alfalfa, and 33,600 pounds of vetch were imported.

Millets and sorgos.—Millet prices advanced 10¢–25¢ per 100 pounds in important markets because of fair demand and small available stocks. Amber and orange sorgo prices were mostly unchanged. Sudan grass quotations scored another advance during the week and stocks were reported small.

Miscellaneous.—A fair demand for seed corn is reported in a few Central States. Approximately 65,000 pounds of spring vetch principally from Holland, 55,000 pounds of rape from Holland, 100,000 pounds of canary from Holland and France, and 100,000 pounds of sunflower from Argentina arrived at New York.

An opportunity to exhibit American agricultural products will be afforded American farmers at the forthcoming Twenty-second General Swedish Agricultural Exhibition which is to be held at Goteberg, June 19–24, 1923, reports Consul Walter H. Scholes under date of March 26.

Wholesale Prices of Field Seeds, April 28, 1923.

For Best Grades of Seed Offered by Seedsmen, with Purity and Germination Tests Approximately as Indicated.

Kind of seed.	Average test. Purity.	Average test. Germination.	New York.	Baltimore.	Richmond.	Buffalo.	Toledo.	Louisville.	Chicago.	Minneapolis.	St. Louis.	Kansas City.	Denver.	Salt Lake City.	Average for United States, Apr. 28, 1923.	Average for United States, Apr. 29, 1922.	Average for United States, Apr. 30, 1921.	Average for United States, May 1, 1920.	1923 prices as per cent of 3-year average.
			Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	Per 100 lbs.	
Clovers:	Per ct.	Per ct.																	Per ct.
Red clover	99.4	92	$20.00	$19.50	$21.00	$21.00	$19.15	$20.00	$19.50	$21.50	$20.50	$22.00	$22.00	$20.00	$20.50	$23.70	$19.65	$19.85	66
Alsike clover	98.3	91	16.00	16.00	16.50	16.50	17.50	16.50	16.35	17.00	17.50	18.00	18.00	16.50	16.85	18.65	21.85	53.70	54
White clover	96.9	91	65.00	60.00	63.00	60.00	62.00	60.00	61.00	60.00	65.00	60.00	57.00	58.00	60.90	38.45	60.95	61.50	113
Crimson clover	98.2	91	15.50	15.00	15.50	.....	.....	.....	18.00	.....	19.00	.....	20.00	.....	17.15	12.45	7.65	12.15	159
Sweet clover	98.9	90	11.50	11.50	13.00	12.50	13.00	12.00	11.75	13.00	13.00	15.00	14.00	11.50	12.65	9.35	10.10	32.15	73
Lespedeza	98.9	82	.....	21.00	23.00	.....	.....	19.50	.....	.....	20.00	.....	.....	.....	20.85	16.25	27.35	37.50	77
Alfalfa	99.5	91	19.00	20.00	19.50	21.00	21.25	19.25	20.00	21.00	20.00	21.00	19.00	18.50	19.95	18.75	19.25	38.95	78
Grasses:																			
Timothy	99.6	93	7.25	7.10	7.25	7.25	7.10	7.00	7.00	6.50	7.25	7.50	7.50	7.00	7.15	6.75	7.05	13.05	80
Redtop	93.2	90	18.50	19.00	19.50	19.75	22.00	17.50	17.75	20.00	20.00	22.00	22.00	21.00	19.90	23.75	15.30	18.90	103
Kentucky bluegrass	83	78	24.00	25.00	26.00	25.50	28.00	23.75	24.00	26.00	25.00	27.50	24.00	26.00	25.40	55.90	32.25	29.10	65
Orchard grass	86.9	87	12.50	12.50	13.00	13.75	14.00	13.00	13.00	16.00	13.50	14.00	16.00	14.00	13.75	18.40	15.20	24.75	71
Bermuda grass	91.5	78	20.00	21.00	25.00	.....	.....	20.00	20.00	.....	19.00	25.00	.....	.....	21.45	29.00	.....	.....	.....
Meadow fescue	97.8	91	10.00	11.00	13.50	10.50	12.00	.....	10.00	11.00	10.00	10.00	10.00	.....	10.80	18.85	21.50	35.65	42
Bromus inermis	87.7	92	.....	.....	.....	12.00	.....	.....	.....	9.00	12.50	15.00	12.00	13.00	12.25	11.15	15.75	28.70	66
Millets:																			
Golden millet	98.8	93	4.75	4.50	4.40	4.25	4.00	4.50	4.00	4.00	4.50	4.25	3.75	.....	4.25	2.95	2.95	6.00	107
Common millet	98	93	4.50	.....	.....	3.75	.....	.....	3.50	3.25	3.00	3.75	3.50	.....	3.60	2.50	2.30	4.00	123
Siberian millet	97.9	93	.....	.....	.....	.....	.....	.....	3.60	4.25	3.75	4.00	4.00	.....	3.90	2.70	1.90	3.80	140
Hungarian millet	97.5	93	3.75	3.50	.....	3.50	3.75	.....	2.90	3.75	.....	.....	.....	.....	3.55	3.30	3.60	7.75	72
Japanese millet	96.4	89	3.25	3.50	.....	2.75	3.25	.....	2.85	2.75	3.00	3.50	4.50	.....	3.25	4.45	7.40	13.50	39
Broom-corn millet	99.3	92	.....	.....	.....	.....	.....	.....	3.50	3.00	3.65	4.00	5.00	.....	3.85	2.55	1.95	3.75	139
Sorgos ("cane"):																			
Amber sorgo	97.9	88	.....	5.50	5.40	.....	.....	4.50	4.00	4.50	4.50	4.25	3.75	.....	4.55	3.05	2.25	3.20	161
Orange sorgo	97.9	88	.....	5.65	5.40	.....	.....	5.00	.....	.....	5.00	4.50	4.75	.....	5.05	3.15	2.20	3.50	171
Grain sorghums:																			
Kafir	98.1	91	.....	.....	3.50	.....	.....	.....	.....	3.50	2.40	2.30	3.25	.....	3.00	2.35	1.80	3.30	121
Milo	97.7	91	.....	.....	3.50	.....	.....	.....	.....	3.50	2.65	2.40	2.75	.....	2.95	2.40	1.90	3.30	117
Sudan grass	.....	.....	.....	14.50	16.00	15.00	15.00	15.00	15.00	16.00	16.00	16.00	16.00	15.00	15.30	6.45	3.45	12.80	202
Rape	99.2	92	6.00	6.25	7.00	7.25	7.50	8.00	7.00	7.00	7.00	7.00	8.50	.....	7.15	8.65	8.40	11.25	76
Vetches:																			
Hairy vetch	98.7	89	16.00	16.50	18.00	18.00	17.50	.....	17.00	18.00	19.00	.....	20.00	.....	17.80	15.70	12.25	29.60	93
Common vetch	98.7	92	5.50	5.00	.....	6.00	7.00	.....	.....	9.00	8.25	.....	9.00	.....	7.10	6.60	7.55	9.90	89
Peas:																			
Canada field peas	99.3	95	5.25	.....	5.50	5.25	5.75	.....	5.25	5.50	6.00	.....	.....	5.00	5.45	5.55	4.10	5.85	105
Cowpeas	96.1	91	.....	4.25	4.30	.....	.....	4.75	4.50	.....	4.75	5.00	.....	.....	4.60	4.10	5.70	10.40	68
Soy beans	98.7	94	.....	3.75	3.65	.....	4.50	4.50	4.75	6.00	4.50	5.00	.....	.....	4.60	3.90	5.70	9.00	74
Seed grains:				Per bu.	Per bu.	Per bu.	Per bu.	Per bu.	Per bu.	Per bu.	Per bu.	Per bu.	Per bu.		Per bu.	Per bu.	Per bu.	Per bu.	
Seed corn	99.3	94	.....	.....	1.75	1.50	.....	1.75	1.25	2.25	1.25	1.75	.....	.....	1.65	1.30	1.80	3.20	78
Seed wheat	98.8	94	.....	.....	.....	1.90	2.00	.....	1.70	1.75	1.60	1.50	.....	.....	1.75	1.90	2.20	3.55	68
Seed oats	98.6	95	.....	.75	.75	.80	.....	.65	.60	.75	.80	.80	1.10	.....	.80	.70	.70	1.40	84
Seed barley	98.2	94	.....	1.10	1.20	1.20	1.00	.....	.85	.85	1.00	1.25	1.70	.....	1.15	1.00	1.30	2.15	76
Seed rye	97.8	92	.....	1.15	1.20	1.80	1.60	1.25	1.60	1.30	1.25	1.10	1.80	.....	1.40	1.45	1.80	2.50	73
Seed buckwheat	98.6	93	.....	1.20	1.50	.....	1.35	1.25	1.30	1.40	1.35	1.50	.....	.....	1.35	1.40	1.75	2.15	78

Hay and Feed

Hay Markets Weaken Under Warm Weather.

Warmer weather, which hastened the approach of pasturage, was a weakening factor in the hay market during the week ending April 28. In the timothy markets there continued to be a good demand for the best grades of hay and the prices for the best quality continued fairly firm. Clover and heavy mixtures, as well as the lower grades of timothy, were dull. Alfalfa prices were well maintained during the week because of the light movement. There was a falling off in demand, however, for prairie hay and the market made further declines. There was a lighter movement of hay to most of the markets than during the preceding week, as is shown in the accompanying table:

	Apr. 23-28, 1923.	Apr. 16-21, 1923.	Apr. 24-29, 1922.	Jan. 1-Apr. 28, 1923.	Jan. 1-Apr. 29, 1922.
	Cars.	*Cars.*	*Cars.*	*Cars.*	*Cars.*
Boston	84	121	76	1,540	.....
New York	124	141	132	2,500	2,355
Philadelphia	47	47	70	1,054	.....
Pittsburgh	115	175	98	2,242	2,133
Cincinnati	223	192	168	2,595	2,260
Chicago	279	207	279	3,793	3,891
Minneapolis-St. Paul	105	110	156	1,959	2,112
St. Louis	141	167	.....	2,953	.....
Omaha	131	148	.....	2,559	.....
Kansas City	386	495	441	8,402	8,050
Los Angeles	246	152	151	2,476	2,340
San Francisco	84	84	82	1,377	.....

TIMOTHY PRICES HIGHER.

Timothy prices were slightly higher at the close of April than at the close of the preceding month, but were on about a $3 lower level than at the corresponding time last year. The average price of Number 1 timothy at ten of the principal markets on April 28 was about $22.50 per ton. The firm prices had been maintained more by the light movement of hay than by an active demand. Good timothy hay has been scarce at most of the markets and brought premiums ranging from $2 to $4 per ton over the medium grades of hay. This tended to cause a firm tone generally to the various markets. Lower grades, however, throughout the month were rather dull and sold at wide discounts.

At the close of the week under review prices on timothy hay declined about 50 cents per ton at Boston. Receipts were slightly heavier than expected and at times were in excess of the demand, especially for the lower grades. Large arrivals of rye straw caused a decline of about $1 per ton from the previous week's quotations. This kind of straw, however, continued to be relatively high in this market.

The New York market was rather unsettled. Receipts of good hay were rather light while the arrivals of inferior quality were larger which increased the range in price between the better and poorer grades. The first receipts of hay in quantities via river boats were reported during the week. Rye straw continued firm especially for the choice cars.

Other Eastern hay markets reported but little change from conditions which have existed during the past few weeks. Receipts were light but were adequate to meet the demand except for the very best grades which were taken readily at current quotations.

The market ruled firm at Pittsburgh because sufficient hay of good quality was not available for the current needs of the trade. Clover and heavy mixtures, however, were dull and were difficult to place even at concessions in price. Poorer grades of timothy and clover mixtures were also exceeding the demand at Cincinnati, so that it was necessary to carry some of the arrivals over from day to day. A weakness in the market for the poorer grades was also reflected in the demand for the better types of hay, and prices weakened during the week.

Shipping orders from the South also fell off materially as Southern buyers and consumers in many sections apparently were supplied with sufficient hay to meet their needs until pasturage becomes available. Reports of country loading and invoices received of hay in transit indicated fairly liberal receipts for the next few days.

Prices were well maintained on most grades of hay at Chicago. The demand from St. Louis and surrounding territory continued active and was sufficient to absorb most of the arrivals of clover and grassy mixtures. The high price of prairie hay in the Central West was said to be responsible for the demand at Chicago for the cheaper grades of hay by the St. Louis buyers. The receipts of timothy hay were principally on the north-side tracks and came largely from Wisconsin. Arrivals at the south-side yards were of limited volume as farmers in the territory served by the roads entering this part of Chicago were busy with farm work.

The demand at Minneapolis and St. Paul has become almost entirely local and was, therefore, of small volume. Receipts were fairly large which tended to weaken the market.

All kinds of hay were in good demand at St. Louis. Both local and shipping demand was active and, at times exceeded the light receipts. Prairie and alfalfa were both very scarce.

The demand for good timothy hay continued rather brisk but was for limited amounts in the principal southern markets. Stocks in dealers' hands were not large, but orders were being placed only for hay for current needs. Abundant pasturage was not expected in most sections much before the last of May.

ALFALFA MARKETS FIRM.

Light receipts of alfalfa hay at the principal markets held prices firm throughout the week. At both Omaha and Kansas City prices were advanced about 50 cents per ton on No. 1 alfalfa. Texas and other southern points were good buyers at Kansas City and there was a fair demand for the better grades from the Central States and dairy sections of the East. The movement of alfalfa from the country fell off rather sharply because of the pressing farm work and also the growing scarcity of marketable surplus. The cool weather was delaying the maturity of alfalfa and was expected to result in a later date for the first cutting than usual. Good crop prospects and increased arrivals weakened the alfalfa market at San Francisco but prices held firm for the better grades at Los Angeles.

The recent advance in prairie prices at Kansas City have been almost entirely lost and No. 1 prairie upland was quoted at the close of the week at $17.75 per ton. Buyers apparently have accumulated sufficient stocks for their immediate requirements and with pastures in promising condition there was a general tendency to withhold additional purchases at current price levels. Prairie prices at Omaha, however, continued to advance and were about $2 per ton higher at the close of the week than quotations at Kansas City. The lower prices at the latter market, however, will probably cause a larger movement to Omaha and St. Louis where receipts have been light during the past three weeks.

Improved Demand For Feedstuffs.

The outstanding factor in the feed markets during the week ending April 28 was easily the unusually good demand for transit feeds of most descriptions. This condition was due largely to the backward spring weather. Reports from practically all important feeding sections were to the effect that grass had not yet started to any extent which made for rather heavy requirements for this time of the year.

Of the more important feedstuffs oil meals were in best supply and their price tendency was slightly easier. Corn feeds were firm although offerings were adequate. Increased cash corn prices and a good demand were responsible for higher quotations. Wheat-feeds for near-by shipment were strong and the discounts for deferred deliveries under spot prices were reduced substantially.

Generally speaking, production of feedstuffs was good but the demand was sufficient to absorb all offerings. While at times there appeared to be a considerable surplus of transit feeds, owners were unwilling to accept lower prices as they felt that as a result of the increased consumption a fairly good demand may be looked for during the next few weeks.

Shipments and receipts were heavy and interior supplies were considered by the trade to be about normal.

Wheat mill feeds.—The demand for wheat feeds, especially bran, shorts, and middlings, was very active during the week. Near-by shipment was preferred, and more interest was displayed in the later deliveries. There was a noticeable narrowing of the discounts on May bran under the spot market. Milling operations continued on a limited scale. Dealers remarked about the unusual trend of the market this year as sales for the more important wheat feeds were made at higher figures than at any time during the season. How long this will continue is problematical as this condition has been caused to a great extent by unsatisfactory pasturage conditions for this time of the year.

Grass in most sections did not make a start sufficient to eliminate a considerable part of the feeding which has been necessary up until this time. Standard middlings were scarce and were rela-

tively stronger than bran. The demand for middlings, even for deferred shipment, was better than it was for bran and offerings of this feed for quicker than prompt shipment were scarce. The principal demand during the week was from the Eastern States. Texas and the Southwest also bought rather heavily, though mostly spot bran. Much of the buying of bran was by the smaller trade to cover current requirements.

A better demand developed for flour middlings. Offerings of this feed were moderate but ample to take care of present requirements. Reddog was in good supply and the demand was only fair at unchanged prices. Shipments were heavy. Interior stocks were rather light but considered about normal for this time of the year.

Cottonseed cake and meal.—The demand for cottonseed cake and meal was dull and prices in distributing markets were from 50 cents to $1 lower. Business was light in most sections. The Cincinnati market indicated an excellent inquiry from surrounding sections for 41 per cent meal at $47.75, and a few transactions were consummated at even higher prices. In the Southwest cake and meal maintained a firm tone as a result of an active demand for prime 43 per cent varieties, of which offerings were scarce. The export demand was light. Stocks at mills were approximately the same as those held at this time last year. Shipments were fair. Hulls were in good request at firm prices in the Southern States, especially in the Southeast, logging operations affording the best outlet.

Linseed cake and meal.—Freer offerings of linseed cake and meal were in evidence and prices in most of the markets were $1 lower than last week. Interest of buyers was reported to have subsided considerably during the past ten days, especially in sections which draw their supplies from Buffalo and Toledo, and as a result quotations in these markets ruled comparatively lower than those asked in the Minneapolis market, where the demand from near-by territory was said to be sufficient to absorb all offerings. Little 34 per cent cake and meal was obtainable. What was offered sold at about $3 per ton over the 32 per cent kind. Thirty-one per cent cake and meal was quoted about 50 cents to $1 under the 32 per cent kind. Production continued heavy and shipments good.

Gluten feed.—A further advance of $1 per ton in the price of gluten feed was announced by manufacturers during the middle of the week. Demand from dealers was good and a few mills reported having disposed of their entire May output. Heavy sales were also made for June shipment. The guaranty against manufacturers' reduction in price to September 1 on any unsold portions of contracts was unchanged from last week. Production and shipments were heavy. Gluten meal was scarce and because of recent large sales, offerings were withdrawn. The feeding demand for both gluten feed and gluten meal continue good, with dealers' stocks in most sections fully ample to meet requirements.

Hominy feed.—Hominy feed prices were firmer in sympathy with the late higher range of prices for shelled corn. Mills operated on a limited scale, hence offerings were light, and millers did not show any anxiety to dispose of their output on bids which in many cases were materially below the market. Eastern prices were out of proportion to those quoted in western markets. For example, Boston distributors asked $37.50, which is equivalent to $31 Chicago, while sales in the latter market were reported at $33.50–$34. Demand was good, especially in Indiana and Ohio territory. Stocks at mills and interior supplies were rather light according to advices received. Few substantial sales for future shipment were reported. Receipts and shipments were fair.

Alfalfa meal.—All western markets quoted alfalfa meal at about $1 per ton higher than last week. The advance was due largely to the more optimistic views of shippers relative to prices as the demand was unimproved, stocks generally sufficient for present needs, and the trade well supplied with contract stuff. Production and shipments were light. In the Chicago market choice medium ground was quoted at $30, No. 1 medium ground at $29, and No. 2 at $28. Fine ground choice commanded $34.50 and No. 1 $32 per ton.

Carload Prices of Hay, Straw, and Feed at Important Markets, April 28, 1923.

Commodity.	Boston.[1]	New York.[1 2]	Philadelphia.[1 2]	Pittsburgh.[1]	Baltimore.	Richmond.[2]	Atlanta.	Savannah.	Jacksonville.	New Orleans.	Memphis.[1]	Cincinnati.[1]	Buffalo.	Chicago.[1 2]	Minneapolis and St. Paul.[1]	St. Louis.[1]	Omaha.[1]	Kansas City.[1]	Los Angeles.	San Francisco.[1]
HAY.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.	Per ton.
Timothy and clover:																				
No. 1 timothy	$25.50	$26.50	$23.00	$21.00	$20.50	$24.00	$26.50	$27.00	$25.50	$26.50	$25.50	$20.00	$22.50	$23.00	$16.50	$23.00		$20.25		
No. 2 timothy	23.25	24.50	21.50	18.00	19.00	22.50		25.00	24.50	24.50	24.00	18.50	21.00	19.00	15.50	19.00		18.25		
No. 1 light clover mixed		24.50	21.50	18.50	18.50	23.50	25.50		23.50			18.50		20.00	15.00			20.00		
No. 2 light clover mixed			19.50			22.00								17.00	13.00					
No. 1 medium clover mixed			20.50			21.50								17.00						
No. 1 clover mixed	20.50	19.50		18.00	17.50			25.50	25.00			17.50			[3]14.50			19.25		
No. 1 clover				17.00	16.50							18.00		16.00	[3]14.50	20.50		18.75		
Alfalfa:																				
No. 1 alfalfa						23.00	37.50				32.00	22.50		23.00	[3]22.00		$21.75	27.00	$22.00	$17.00
Standard alfalfa						22.00	35.00				30.00	19.50		20.00	[3]19.00		19.75	26.00	20.00	16.00
No. 2 alfalfa						21.50	26.00				28.00	16.00		17.00	[3]16.00		18.25	22.00		15.00
Prairie:																				
No. 1 upland												12.00		18.00	16.50		19.50	17.75		
No. 2 upland												12.00		15.00	15.00		18.00	16.50		
No. 1 midland												14.50		12.00	12.00	20.50	19.00			
STRAW.																				
No. 1 wheat	13.50		16.00	13.50	13.50	12.00							13.00	10.50	7.00		8.50	8.25		
No. 1 oat	14.50		16.00	13.50	14.50		15.00						13.00	11.50	8.50		9.25	8.25		
No. 1 rye (tangled)				13.50				12.00					15.00	12.50	9.00					
No. 1 rye (straight)	35.50	31.00	27.00		27.50															
FEED (bagged, sight draft basis).																				
Wheat bran:																				
Spring	38.00	38.00	37.00	35.50	36.50	39.00	38.00		38.50			34.00	33.75	31.50						
Soft winter		38.00		36.50	38.00	40.00	38.50	38.00			33.00	34.00	36.25		28.75	30.50		29.00	42.00	36.00
Hard winter		38.00	37.50	36.00			38.00			36.00		34.00	35.50			30.50	29.00	29.00		
Wheat middlings:																				
Spring (standard)	37.00	38.00	36.00	35.50	36.00	39.00	39.00		38.50		34.50	34.50	33.75	32.00	29.25					
Soft winter	40.00		39.00	39.00	37.50	40.00	40.00	42.50				37.50	39.00	34.00				32.50		45.00
Hard winter				39.50			37.00					37.50	38.00	36.00		32.00	33.00	32.50		
Hard winter wheat shorts							38.00				34.00		38.00			32.50	30.00	31.00		
Wheat mill-run							37.00			38.00								31.00		37.00
Rye middlings	37.00		36.00	33.50		37.50							32.00		27.50					35.00
High protein meals:																				
Linseed		46.50	45.75	47.00					48.50			45.50	42.00	43.50	43.50		48.00	48.50		53.00
Cottonseed (43%)	53.75	53.50	54.00	52.35	53.50	53.50								51.50						
Cottonseed (41%)	52.00	54.75	51.20	49.85	51.00	51.00				47.00	44.25	47.75	50.50	49.00			52.00	51.00	45.00	51.00
Cottonseed (36%)	45.00	45.00	47.20	45.20	47.00	46.50	40.00	42.00	41.50	43.00	39.50	44.50	46.00	45.00						
No. 1 alfalfa meal (medium)					34.00				34.50	31.00	29.50	30.50		29.00		28.00	26.50	27.50	30.00	
Gluten feed	42.80	42.15	41.75	39.55	42.00							38.55	39.55	35.65						
White hominy feed	38.50	37.50	37.00		35.50	37.00	38.00		38.50			33.50	35.25	33.50		33.00	33.00			
Yellow hominy feed	38.00	36.75	37.00		35.00	37.00	38.00					33.50	34.25	33.00		32.50	33.00			
Ground barley												34.50		35.00					[4]41.00	
Dried beet pulp		48.00			48.00			46.00				47.00							44.00	41.00

[1] Hay quotations represent average of cash sales at these markets. [2] Hay quotations based on U. S. Grades. [3] Nominal. [4] Rolled.

Cotton

Prices Advance in Unsteady Market.

Cotton prices advanced during the week ending April 28 and the wide fluctuations which have characterized the price movement for several weeks were again prevalent. One of the features of the week was the big advance which occurred on Wednesday, when the average price of Middling cotton in 10 designated spot markets advanced 67 points, and May future contracts at New York gained 91 points. It was reported that this advance was caused by more optimistic reports from the Liverpool market, increased demand for future contracts on the future markets, some increase in the demand for spot cotton in the South, and reports of unfavorable crop weather in some sections of the belt.

A severe decline occurred on Saturday, the average price of Middling losing 46 points and May futures at New York 72 points. The cause was reported to be an unsettled feeling in the dry goods trade with lack of active demand for raw cotton and for cotton goods, and more favorable weather in a large part of the cotton belt.

The average of the quotations of 10 designated spot markets on April 28, was 27.65¢ per lb. compared with 27.21¢ at the close of the previous week and 17.03¢ on the corresponding day in 1922. May future contracts on the New York Cotton Exchange advanced 108 points, closing at 28.13¢. May futures on the New Orleans Cotton Exchange advanced 63 points, closing at 27.18¢.

Closing Future Prices on the Future Exchanges April 28, 1923, with Comparisons.

Month.	New York.					New Orleans.				
	Apr. 28, 1923.	Apr. 29, 1922.	Apr. 30, 1921.	Apr. 30, 1920.	Apr. 26, 1919.	Apr. 28, 1923.	Apr. 29, 1922.	Apr. 30, 1921.	May 1, 1920.	Apr. 26, 1919.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
May	28.13	18.21	12.19	40.25	28.45	27.18	16.90	11.85	39.15	27.38
July	26.88	17.72	12.71	38.20	26.92	26.74	17.20	12.28	38.00	26.25
October	24.30	17.85	13.38	35.45	25.13	23.75	17.29	12.88	35.20	24.37
December	23.85	17.85	13.84	34.70	24.60	23.39	17.26	13.24	34.41	24.67
January	23.62	17.80	13.99	34.25	24.25	23.26	17.25	13.33	34.00	23.67

Daily Closing Quotations for Middling Spot Cotton at 10 Designated Spot Markets, Week of April 23-28, 1923, with Comparisons.

Market.	Apr. 23-28, 1923.						Apr. 24-29, 1922.					
	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Norfolk	27.13	27.25	27.88	27.94	28.13	27.38	17.19	17.25	17.13	17.00	17.25	17.25
Augusta	27.38	27.38	28.25	28.00	28.13	27.44	16.81	16.94	16.94	16.88	17.00	17.00
Savannah	27.00	27.00	27.75	(1)	27.90	27.90	17.00	17.00	(1)	17.00	17.13	17.13
Montgomery	27.00	27.00	27.75	27.50	27.63	27.00	16.19	16.19	16.19	16.19	16.25	16.25
New Orleans	27.50	27.50	28.25	28.00	28.25	28.00	17.00	17.00	17.00	17.00	17.00	17.00
Memphis	28.50	28.50	28.75	28.75	28.75	28.75	17.00	17.00	17.00	17.00	17.25	17.25
Little Rock	27.50	27.50	28.00	28.00	28.00	27.75	17.00	17.00	17.00	17.00	17.00	17.00
Dallas	26.80	26.80	27.50	27.45	27.60	26.90	16.75	16.75	16.75	16.60	16.75	16.75
Houston	27.80	27.80	28.55	28.30	28.30	27.65	17.25	17.30	17.20	17.10	17.25	17.25
Galveston	27.65	27.75	28.50	28.25	28.40	27.70	17.40	17.40	17.40	17.40	17.40	17.40
Average	27.43	27.45	28.12	28.02	28.11	27.65	16.96	16.98	16.96	16.92	17.03	17.03

[1] Holiday.

Spot Quotations for Middling Upland Cotton at New York on April 27 for Each of the Past 32 Years.

	Cents.		Cents.		Cents.		Cents.
1892	7.25	1900	9.81	1908	10.00	1916	12.15
1893	7.81	1901	8.38	1909	10.75	1917	20.40
1894	7.50	1902	9.69	1910	15.05	1918	26.75
1895	6.94	1903	10.75	1911	15.25	1919	29.65
1896	8.06	1904	13.85	1912	11.75	1920	41.35
1897	7.62	1905	7.55	1913	11.85	1921	12.30
1898	6.31	1906	11.75	1914	13.25	1922	18.15
1899	6.12	1907	11.30	1915	10.50	1923	29.05

Stocks of Government-Classed Cotton at Future Markets.

Inspected cotton, Government-classed, reported in warehouses at the ports of New York and New Orleans, of the grades tenderable on future contracts made on the exchanges in these markets subject to section 5 of the United States cotton futures act as amended, is shown in the following table.

Grade.	New York.			New Orleans.		
	Apr. 29, 1921.	Apr. 28, 1922.	Apr. 27, 1923.	Apr. 29, 1921.	Apr. 28, 1922.	Apr. 27, 1923.
	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.
Middling Fair	.....	2	7	3	.....	.....
Strict Good Middling	62	386	2,220	244	149	47
Good Middling	1,791	5,049	19,477	1,870	639	58
Strict Middling	12,192	19,398	14,300	7,009	4,438	2,010
Middling	41,929	27,345	5,754	10,770	11,807	1,689
Strict Low Middling	38,787	15,795	1,441	10,932	6,006	855
Low Middling	9,432	3,369	250	3,753	873	113
Good Middling Yellow Tinged	3,592	2,399	628	2,124	1,004	276
Strict Middling Yellow Tinged	3,006	1,974	173	2,013	1,028	99
Good Middling Yellow Stained	32	16	2	3	4	3
Total	110,823	75,733	44,252	38,721	25,948	5,150

Total stocks of cotton, all kinds, reported on April 27, at the port of New York were 58,600 bales; on April 28, 1922, 104,792 bales; on April 29, 1921, 126,049 bales; at the port of New Orleans on April 27, 121,620 bales; on April 28, 1922, 235,671 bales; and on April 29, 1921, 406,036 bales.

Average Premiums for Staple Lengths of the Grade of Middling, April 28, with Comparisons.

	New Orleans.			Memphis.		
	Apr. 28, 1923.	Apr. 29, 1922.	Apr. 30, 1921.	Apr. 28, 1923.	Apr. 29, 1922.	Apr. 30, 1921.
Middling, short staple	Cents. 28.00	Cents. 17.00	Cents. 11.25	Cents. 28.75	Cents. 17.25	Cents. 11.00
Length:	Points.	Points.	Points.	Points.	Points.	Points.
1 1/16 ins	50	150	100	Even.	175	150
1 1/8 ins	100	375	200	125	375	400
1 3/16 ins	150	550	525	325	575	700
1 1/4 ins	225	800	800	525	875	.....
1 5/16 ins	300	.....	.....	.....	.....	.....
1 3/8 ins	400	.....	.....	.....	.....	.....

Exports of American Cotton, August 1, 1922, to April 27, 1923, with Comparisons.

(Compiled from Government and Commercial Reports.)

To—	Aug. 1, 1913-Apr. 24, 1914.	Aug. 1, 1919-Apr. 30, 1920.	Aug. 1, 1920-Apr. 29, 1921.	Aug. 1, 1921-Apr. 28, 1922.	Aug. 1, 1922-Apr. 27, 1923.	4-year average Aug. 1-Apr. 28, 1918-19 to 1921-22.	Per cent this year is of 4 year average
	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.	P. ct.
Great Britain	3,140,435	2,824,950	1,347,384	1,297,528	1,224,428	1,806,464	67.8
France	1,038,839	515,145	463,485	588,856	557,315	537,864	103.6
Germany	2,598,791	322,843	918,373	1,129,628	802,119	592,711	135.3
Italy	412,899	465,612	421,836	326,346	428,983	407,727	105.2
Japan	335,502	716,489	337,136	715,691	507,054	589,776	86.0
China	2,978	6,945	13,354	77,616	17,850	25,953	68.8
Spain	233,205	186,449	209,795	251,143	203,059	221,221	91.8
Belgium	168,053	167,212	167,406	136,526	154,229	127,628	120.8
Canada[1]	123,511	152,909	120,181	136,270	160,192	139,884	114.5
Other countries	227,840	437,689	200,683	173,777	195,277	254,155	76.8
Total	8,284,053	5,796,243	4,199,633	4,833,381	4,250,506	4,703,383	90.4

[1] Exports to Canada are for the period Aug. 1 to Mar. 31.

Exports for the week ending April 27 amounted to 30,040 bales, compared with 64,448 bales the previous week, 96,156 bales for the corresponding week in 1922, and 109,089 bales for the week ending April 24, 1914.

Cotton Movement, August 1, 1922–April 27, 1923, and Stocks, April 27, 1923, with Comparisons.

[Compiled from commercial reports.]

	Aug. 1, 1913–Apr. 24, 1914.	Aug. 1, 1918–Apr. 25, 1919.	Aug. 1, 1919–Apr. 30, 1920.	Aug. 1, 1920–Apr. 29, 1921.	Aug. 1, 1921–Apr. 28, 1922.	Aug. 1, 1922–Apr. 27, 1923.	5-year average, Aug. 1–Apr. 28, 1917–18 to 1921–22.	Per cent this year is of 5-year average.
	1,000 bales.	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*P. ct.*
Port receipts	9,911	4,372	6,311	5,225	5,060	5,366	5,225	102.7
Port stocks	678	1,260	1,180	1,471	951	470	1,258	37.4
Interior receipts	7,095	5,473	6,426	6,312	6,415	7,003	6,363	110.1
Interior stocks	473	1,447	1,152	1,569	1,002	604	1,266	47.7
Into sight	13,721	9,330	10,707	9,143	8,799	9,668	9,682	99.9
Northern spinners' takings	2,407	1,641	2,436	1,485	1,818	2,077	1,890	109.9
Southern spinners' takings	2,707	3,430	3,116	2,191	3,120	3,860	3,119	123.8
World's visible supply of American cotton	3,431	3,716	4,315	4,434	3,399	1,878	3,791	49.5

Stocks of American Cotton at European Ports on April 27, 1923, with Comparisons.

At—	Apr. 24, 1914.	Apr. 27, 1917.	Apr. 26, 1918.	Apr. 25, 1919.	Apr. 30, 1920.	Apr. 29, 1921.	Apr. 28, 1922.	Apr. 27, 1923.	5-year average, Apr. 28, 1918–1922.
	1,000 bales.	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*
Liverpool	957	537	216	354	916	568	503	365	511
Manchester	59	43	23	59	154	77	42	41	71
Continent	967	324	127	319	516	500	511	250	395
Total	1,983	904	366	732	1,586	1,145	1,056	656	977

Receipts at 10 Designated Spot Markets, August 1, 1922–April 27, 1923, and Stocks on April 27, 1923, with Comparisons.

(Compiled from commercial reports.)

Market.	Receipts.				Stocks.			
	Aug. 1, 1920–Apr. 29, 1921.	Aug. 1, 1921–Apr. 28, 1922.	Aug. 1, 1922–Apr. 27, 1923.	5-year average Aug. 1, Apr. 28, 1917–18 to 1921–22.	Apr. 29, 1921.	Apr. 28, 1922.	Apr. 27, 1923.	5-year average Apr. 28, 1918–1922.
	1,000 bales.	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*	*1,000 bales*	*1,000 bales.*	*1,000 bales.*	*1,000 bales.*
Norfolk	231	305	261	280	109	103	63	98
Augusta	320	324	279	391	140	112	31	131
Savannah	516	617	398	832	155	108	37	169
Montgomery	48	46	59	55	31	21	7	18
New Orleans	1,190	1,016	1,277	1,198	406	236	122	368
Memphis	806	818	1,049	935	342	153	77	311
Little Rock	183	171	169	183	67	51	26	47
Dallas	44	162	83	98	17	25	5	18
Houston	2,496	2,382	2,636	2,038	321	176	87	242
Galveston	2,478	2,202	2,242	1,935	339	253	110	267
Total	8,312	8,043	8,453	7,945	1,927	1,238	565	1,669

Cottonseed Price Quotations, Week of April 16–21, 1923, with Comparisons.

City.	Apr. 16–21, 1923.		Apr. 17–22, 1922.		Apr. 18–23, 1921.	
	Car lots.	Wagon lots.	Car lots.	Wagon lots.	Car lots.	Wagon lots.
	Per ton.	*Per ton.*	*Per ton.*	*Per ton.*	*Per ton.*	*Per ton.*
Charlotte, N. C.	$56.00	$48.00	$46.00	$40.00	$18.00	$15.00
Raleigh, N. C.	54.00	50.00	47.00	45.00	.....	.....
New Bern, N. C.	54.00	52.00	40.00	36.00	.....	16.00
Greenville, S. C.	56.50	55.00	46.00	40.00	16.00	16.00
Charleston, S. C.	55.00	49.00	.....	.....	.....	.....
Memphis, Tenn.	54.00	50.00	45.00	42.00	15.00	.....
Little Rock, Ark.	50–52.00	45.00	43.00	40.00	.....	.....
Greenville, Miss.	54.00	45.00	.....	.....	16.00	15.00

Spot Cotton Quotations for April 28 and Sales During Week of April 23-28, 1923.

Price of Middling spot cotton for April 28, the commercial differences in price between Middling and other grades of American Upland cotton at each of the 10 markets named, and average differences and prices for the corresponding day in previous years, together with the total number of bales sold during the week of April 23–28, 1923, in each of the markets, and for all the total markets, with comparisons, as reported by the cotton exchanges.

	Norfolk.	Augusta.	Savannah.	Montgomery.	Memphis.	Little Rock.	Dallas.	Houston.	Galveston.	New Orleans.	Average.						
											Apr. 28, 1923.	Apr. 29, 1922.	Apr. 30, 1921.	May 1, 1920.	Apr. 26, 1919.	Apr. 27, 1918.	Apr. 28, 1917.
White Standards:	*On.*[1]	*On.*	*On.*	*On.*	*On.*	*On.*	*On,*	*On.*	*On.*	*On.*	*On.*	*On.*	*On.*	*On.*	*On.*	*On.*	*On.*
Middling Fair	100	63	57	100	100	100	100	100	90	100	91	179	263	360	206	160	78
Strict Good Middling	75	50	44	75	75	75	75	75	65	75	68	138	213	288	160	126	56
Good Middling	50	38	31	50	50	50	63	50	40	50	47	94	153	223	118	93	39
Strict Middling	25	25	19	25	25	25	38	25	25	25	26	55	73	115	63	54	20
Middling	27.38	27.44	27.90	27.00	28.75	27.75	26.90	27.65	27.70	28.00	27.65	17.03	11.17	41.24	27.84	30.33	19.91
	Off.[1]	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*	*Off.*
Strict Low Middling	25	25	25	25	25	25	25	35	35	25	27	58	123	275	173	65	27
Low Middling	50	63	63	50	75	75	63	75	75	75	66	133	253	728	471	153	62
Strict Good Ordinary[2]	100	100	113	100	125	125	125	125	125	125	116	225	360	1,025	803	236	105
Good Ordinary[2]	125	138	163	150	200	175	175	200	175	200	170	323	458	1,298	1,018	319	149
Yellow Tinged:																	
Good Middling	Even.	Even.	Even.	Even.	Even.	Even.	Even.	Even.	Even.	Even.	Even.	[3] 8	50	183	185	16	Even.
Strict Middling	25	50	50	25	25	25	50	50	50	25	38	65	145	315	279	52	20
Middling[2]	50	100	100	75	100	100	100	100	100	100	93	170	255	475	448	92	42
Strict Low Middling[2]	100	150	150	125	125	150	150	150	150	125	138	249	380	700	668	145	74
Low Middling[2]	125	200	200	175	200	200	200	200	200	175	188	331	475	1,020	940	218	113
Yellow stained:																	
Good Middling	50	63	63	50	75	75	63	75	75	75	66	134	220	450	440	99	49
Strict Middling[2]	100	113	125	100	100	125	125	150	150	150	124	229	315	613	598	136	70
Middling[2]	125	163	175	150	150	175	200	200	200	175	171	321	423	740	755	191	95
Blue Stained:																	
Good Middling[2]	75	100	100	75	100	100	100	100	100	100	95	169	278	575	580	120	51
Strict Middling[2]	100	150	125	125	125	125	150	150	150	125	133	246	375	698	683	161	81
Middling[2]	125	200	175	175	150	150	200	200	200	150	173	324	473	840	835	213	112
Sales for week, bales	332	529	373	105	1,550	1,846	1,867	3,560	4,572	3,676	[4] 18,410	[4] 50,285	[4] 94,169	[4] 28,919	[4] 87,509	[4] 17,892	[4] 64,525

[1] The differences are stated in terms of points or hundredths of a cent per pound. By "On" is meant that the stated number of points is to be added to the price of Middling and by "Off" is meant that the stated number of points is to be subtracted from the price of Middling.

[2] These grades are not tenderable on future contracts made subject to section 5 of the United States cotton futures Act, as amended, on the future exchanges at New York and New Orleans.

[3] On.

[4] Total sales. Sales from Aug. 1, 1922, to Apr. 28, 1923, amounted to 3,382,270 bales, compared with 2,761,902 bales during the corresponding period in 1921–22; the average of sales for the corresponding period of three seasons beginning Aug. 1, 1920, was 2,914,565 bales.

Weather

Drought Broken in Western Great Plains.

Weather conditions during the week ending May 1 were generally favorable for agricultural interests in most sections of the country. The first part of the week was cool in the Central and Northern States, with frost in portions of the Ohio Valley, but without material damage. It was rather persistently cold in the Rocky Mountain and Plateau States and there was some local frost damage in Utah, while frost did some harm in southwestern Oregon. The latter part of the week was warmer in the Central and Northern States east of the Rockies. Rainfall was light in most sections, except in parts of the Southern Great Plains, including northern Texas, and in portions of Arkansas and some adjoining sections.

The long drought was broken in the western third of Kansas and all portions of that State were plentifully supplied with moisture at the close of the week, except a few localities. There was ample rain also in all other sections of the Great Plains, except locally in Montana, while precipitation was of much benefit to vegetation in the middle Atlantic Coast States. The soil was becoming rather dry, however, and more rain was needed in much of the northern Ohio Valley States, while moisture was deficient in New York and Michigan. Heavy snow in extreme northwestern Colorado interfered with train service and was unfavorable for stock.

WEATHER FAVORABLE FOR FARM WORK.

Ample sunshine and moderately warm weather favored outdoor operations in nearly all Central and Northern States and in much of the South. Field work made satisfactory progress, except in the areas where heavy rains occurred as shown on chart 2. The drier weather was especially beneficial in parts of the upper Mississippi Valley and spring planting made much better progress in that section. The soil was too cold and wet, however, in Utah and warmer weather was needed in the central Rocky Mountain States.

Small grains.—Winter wheat continued to make some improvement in most sections of the Ohio Valley and Lake region, although more moisture was needed in parts of this area. Excellent weather prevailed for this crop between the Mississippi River and Rocky Mountains. Decided improvement in condition was reported from Nebraska, although many fields were abandoned on account of thin stand, especially in the western portion. The progress and condition of the crop were very good in Iowa, while fine growth was made in Missouri where much wheat was reported ten inches high and jointing.

The long drought was broken in western Kansas, but it was too soon to ascertain how much wheat can recover in the western third of that State. The crop continued to make excellent progress in the eastern portion, as well as in Oklahoma. Conditions continued satisfactory for small grain crops in the more western States, while rainfall in the Atlantic coast area was beneficial.

Generally favorable weather for field work prevailed in the spring wheat belt and seeding made good progress. This work was well under way in North Dakota and progressed rapidly in southern Minnesota. It continued too wet, however, in some localities in northern South Dakota, but much wheat was sown in that State. The crop was coming up to a good stand in Montana, but more moisture was needed in the spring wheat section of Washington.

OAT SEEDING NEARS COMPLETION.

Oat seeding was nearly completed, or well advanced, in the Northern States, and the crop was coming up to a good stand generally. Oats did well in the South, but continued in only fair to poor condition in Kansas and generally poor in Oklahoma. Rice planting progressed favorably in California, but this work made unsatisfactory advance in Texas; progress was more favorable, however, in Louisiana.

Corn.—Much corn ground was prepared during the week in the principal corn producing States under generally favorable weather and soil conditions. Some corn was planted in Ohio and much planting was done in southern Illinois, but very little in Indiana. Plowing was well along in southern Iowa and some local planting was done, while seeding was well under way in Missouri. It was too wet to plow in portions of Nebraska, but seeding was mostly completed in Kansas and some corn was up in the south-central and southeastern portions. The stands were generally fair in Oklahoma and the early planted corn came up well in Arkansas. As a rule corn made satisfactory progress in the Southern States.

WEATHER FAVORS COTTON PLANTING.

Cotton.—Temperatures averaged above normal in all sections of the Cotton Belt, except in the extreme northeastern portion, and rainfall was mostly moderate, although rather heavy to heavy in the northeast, the northern portions of the Gulf States, much of Oklahoma, and parts of Arkansas.

Cotton made fair progress in Texas, except in some central, southeastern, and southwestern counties, where moisture continued excessive. Planting was well advanced, except in the wet areas. Rain and wet soil delayed planting in Oklahoma and considerable replanting was necessary because of too much rain. Early planted cotton made very good progress in Arkansas, but heavy local rains delayed work during part of the week; planting is uneven, being nearly completed in some localities, while little has been planted in others. The week was favorable for field work in Louisiana, where planting made excellent progress and the early planted was coming up to a good stand.

With favorable weather, planting was pushed in Tennessee and made good progress on the uplands in Mississippi, although the soil continued too wet in some sections. Planting was general in Alabama where in general fairly good progress was made. Stands were fair in the south, and chopping progressed. Rainfall was mostly light to moderate in Georgia and cotton planting was nearly completed in the southern half and was proceeding actively in the northern portion; growth was very good.

Favorable weather for field work prevailed in South Carolina, except for too much rain near the close of the week in the upper Piedmont, which delayed farm work; stands were reported as fair to good, with chopping begun in the coastal plains. Planting cotton was general in North Carolina, except near the northern border, but the nights were too cool for best germination, although rainfall was beneficial; cotton made slow progress in the southeastern portion.

Potatoes, truck, and miscellaneous crops.—Potato planting was mostly completed in New Jersey and some had come up, while the crop was largely in on Long Island. This work was well advanced in West Virginia and made excellent progress in Kentucky, while some potatoes were being planted as far north as the southern counties of Wisconsin and seeding progressed well in the northern Great Plains. Potatoes made excellent growth in the lower Plains, and were coming up better in Tennessee, while the crop improved in the south Atlantic area.

SOUTHERN TRUCK CROPS IMPROVED.

Considerable gardening was done during the week in the great central valleys, while truck showed general improvement in the Southern States. Melons made good growth in Florida, and shipping truck continued from that State. Bean planting continued in California, but it was too cool for best germination. Planting sugar beets advanced in the central Rocky Mountain States, and early beets were making satisfactory progress in California. The drier weather permitted much needed cultivation of sugar cane in Louisiana, and cane did well in the more southeastern States. Tobacco plants are late, but plentiful, in Kentucky, and transplanting progressed favorably in South Carolina and southeastern North Carolina. Tobacco was growing nicely in Georgia and doing well in Florida. Peanuts showed improvement in the southeastern States.

Meadows, pastures, and stock.—Soil moisture was ample for pastures in all Central and Eastern States, except that rain was needed from the Ohio River northward. Grass continued short but showed general improvement during the week. Excellent growth was reported in the lower Great Plains and progress and condition of meadows and ranges were very good in Texas. There was sufficient moisture to improve the range in the central Rocky Mountain States, but it was rather cool for best growth.

The weather was rather unfavorable for stock in Colorado and Wyoming where much range was covered by snow during part of the week, and heavy snow caused some losses in northwestern Colorado. Feeding was prolonged in Utah on account of continued cold weather, but the range was reported as mostly fair in New Mexico and improving in the southeastern portion, although needing more rain in the central and western parts; some stock losses continued. Very little rain fell in Arizona and the range was showing the need of moisture generally in that State with cattle mostly thin, but vigorous. Pastures and ranges improved in nearly all sections of Montana, and lambing continued satisfactorily with but few losses.

Alfalfa made excellent growth in the Great Plains area and was doing well in Utah, though backward in Nevada. Some alfalfa was winter-killed in South Dakota.

Fruit.—Peaches, plums, and cherries were in bloom northward to Pennsylvania and in the interior, early fruit was coming into blossom to southern Iowa and Southeastern Nebraska. The weather was generally favorable for deciduous fruits, although

there was slight damage from frost in southwestern Oregon. Deciduous fruits and nuts were reported in good condition in California, except that prunes were dropping badly; oranges and lemons were blossoming heavily and setting well. There was a falling off in strawberry shipments in northern Florida and conditions were unfavorable for citrus fruit which were dropping in dry areas, although the trees have put on some new bloom since the rain. The fair weather in North Carolina favored orchard spraying, and conditions were more favorable for this work in New York.

Temperature Mostly Mild During Week.

Cool weather for the season prevailed quite generally during the first part of the week, with frost in the upper Ohio Valley and central Appalachian Mountain districts, and freezing weather in the Northwestern States. By Friday, the 27th, however, there was a general warming up in nearly all sections of the country, with comparatively mild weather prevailing in all but the northern border and Rocky Mountain and Plateau States. The latter part of the week was cooler in the middle and South Atlantic areas, but there was a further rise in temperature between the Mississippi River and the Rocky Mountains, where it was considerably warmer than normal.

Rainfall was of a local character during the first half of the week, with some heavy amounts in northern Texas, and rather heavy rains fell in western Kansas, where severe drought had prevailed. Pressure was low east of the Mississippi River during the latter half and rainfall was general in that area, except in the extreme Southeast. Heavy rain was reported from many points in the central and north Atlantic coast area on the mornings of the 29th and 30th, with a disturbance of marked intensity central over Maine on the latter date which was attended by gales off the north Atlantic coast. At the same time precipitation was quite general, though mostly light, in the Northwest.

Chart 1, page 440, shows that for the week as a whole the temperature averaged slightly above normal over the greater part of the country. The plus departures from normal ranged from about 3° to 5° in most of the South, the extreme lower Ohio and middle Mississippi Valleys and from western Iowa and eastern Nebraska northward. The weekly means were somewhat below normal in the upper Ohio Valley and Middle Atlantic States and considerably below in the Plateau districts of the West.

Freezing temperatures were experienced in the interior of the Northeastern States, in the central Appalachian Mountain districts, at points in the extreme upper Mississippi Valley, and generally in the Plateau area, the northern Rocky Mountain districts, and the northwestern Great Plains. In the Gulf coast section the temperature did not fall below 60° during the week, except in a few localities.

Precipitation for the week, as shown on Chart 2, page 440, was moderate to light from the Ohio and lower Missouri Valleys northward. Very little rain fell in the upper Mississippi Valley and the Lake region, and likewise from the Rocky Mountains westward, except in a few sections of the far Northwest and parts of Utah. Heavy rains occurred in the middle and north Atlantic coast area, portions of Alabama and Mississippi, northern Texas, parts of Arkansas and Oklahoma, and moderately heavy falls were received in western Kansas. This was the first substantial rain in western Kansas for several months. Little or no rain fell in the Florida peninsula, and the falls were very light in extreme southern Texas, the far Southwest, and generally in California and Oregon.

There was ample sunshine in nearly all sections of the country, with almost continuously clear skies in the far Southwest. There was considerable cloudy weather in west Gulf districts and the extreme Northeast, but more than 80 per cent of the possible amount of sunshine was reported from the Florida peninsula.

Weather in Argentina, South America.

The data for the principal wheat-producing section of Argentina in the table on this page show that the week ending April 30 was somewhat cooler than normal. Very little rain fell in the southern portion of the area, and the week was entirely rainless in the northern portion. The rainfall over the wheat area for the four weeks for which reports have been received has been only about one-fourth of the normal amount, with the first two weeks rather warm for the season and the last two comparatively cool.

Temperature and Precipitation for the Week April 25–May 1, 1923.

Districts and stations.	Temperature. Average.	Temperature. Departure from normal.	Precipitation. Total.	Precipitation. Departure from normal.
	°	°	Ins.	Ins.
Atlantic Coast.				
Portland, Me.	48	+1	2.6	+1.8
Burlington	48	+1	1.4	+1.0
Northfield	46	0	2.1	+1.7
Concord	50	+2	3.2	+2.6
Boston	54	+3	2.9	+2.0
New Haven	54	+2	1.9	+1.1
Albany	52	0	1.4	+0.9
Ithaca	48	−3	0.8	+0.2
New York	54	0	1.0	+0.2
Scranton	52	0	2.0	+1.6
Harrisburg	58	+2	0.4	−0.1
Philadelphia	58	+1	2.2	+1.5
Trenton	56	+2	1.6	+0.9
Baltimore	60	+2	0.9	+0.1
Washington	60	+2	1.4	+0.7
Norfolk	60	−1	1.8	+1.0
Richmond	58	−4	1.9	+1.2
Lynchburg	60	−2	1.1	+0.3
Wytheville	56	0	0.7	−0.1
Asheville	58	0	0.3	−0.5
Charlotte	62	−2	1.4	+0.7
Raleigh	62	−1	2.1	+1.4
Wilmington	66	0	0.2	−0.6
Charleston	70	+2	0.7	+0.1
Columbia, S.C.	66	−1	0.5	−0.1
Augusta	70	+2	0.6	−0.1
Atlanta	68	+3	1.8	+1.2
Macon	70	+3	1.7	+1.1
Savannah	72	+3	1.0	+0.3
Thomasville	74	+4	0.2	−0.6
Gulf States.				
Jacksonville	74	+3	0.6	+0.1
Miami	76	0	T.	−0.7
Key West	78	+1	0	−0.4
Tampa	76	+3	0	−0.5
Pensacola	72	+2	3.4	+2.8
Mobile	74	+5	0.3	−0.6
Montgomery	72	+3	0.8	−0.1
Anniston	68	+4	2.0	+1.4
Birmingham	68	+1	3.0	+2.4
Meridian	70	+3	1.7	+0.7
Vicksburg	72	+4	0.6	−0.4
New Orleans	74	+3	T.	−0.9
Shreveport	72	+3	0.2	−0.8
Little Rock	70	+4	1.7	+0.5
Fort Smith	68	+3	2.1	+0.8
Bentonville	.....	.....	0.4	−0.8
Oklahoma	66	+3	1.9	+0.9
Abilene	68	0	2.2	+1.6
Fort Worth	72	+3	3.1	+2.3
Dallas	72	.....	2.4	.....
Palestine	74	+6	1.3	−0.1
Taylor	74	+4	0.7	−0.5
Houston	76	.....	2.0	.....
Galveston	74	+3	0.4	−0.5
Corpus Christi	76	+2	T.	−0.5
San Antonio	76	+5	0.8	−0.1
Del Rio	76	+2	0.3	−0.2
Upper Mississippi Valley.				
St. Paul	52	+1	T.	−0.6
La Crosse	52	−1	T.	−0.6
Madison	54	+3	0	−0.6
Charles City	54	+2	T.	−0.8
Dubuque	56	+2	T.	−0.7
Davenport	58	+3	T.	−0.7
Des Moines	58	+3	0	−0.8
Keokuk	60	+2	0	−0.9
Peoria	58	+2	0.2	−0.7
Terre Haute	60	.....	0.1	.....
Springfield, Ill.	60	+3	T.	−0.9
Hannibal	60	+2	0.2	−0.8
St. Louis	64	+3	T.	−0.9
Cairo	64	+1	0.6	−0.2
Ohio Valley and Tennessee.				
Memphis	68	+2	2.0	+1.0
Nashville	66	+3	0.5	−0.3
Chattanooga	66	+2	1.6	+0.8
Knoxville	64	+2	1.0	0
Lexington	58	0	0.8	+0.2
Louisville	62	+1	0.8	+0.1
Evansville	64	+3	0.8	+0.1
Indianapolis	58	+1	0.4	−0.3
Cincinnati	56	−1	0.4	−0.3
Dayton	56	0	0.2	−0.7
Columbus	56	0	0.3	−0.5
Parkersburg	56	−1	1.2	+0.6
Elkins	52	−1	0.8	+0.1
Pittsburgh	54	−2	0.9	+0.2
Mountain Region.				
Miles City	48	−2	T.	−0.4
Havre	50	+1	0.8	+0.4
Kalispell	46	0	0.2	−0.1
Helena	48	+1	0.2	−0.1
Sheridan	44	−3	T.	.....
Lander	42	−4	0.1	−0.9
Cheyenne	42	−2	0.2	−0.3
Grand Junction	54	−3	0.1	−0.2
Denver	48	−2	T.	−0.6
Pueblo	54	0	0.3	0
Amarillo	60	+1	2.2	+1.7
El Paso	68	+1	0	0
Roswell	64	0	T.	−0.2
Santa Fe	50	0	0	−0.2
Flagstaff	42	−3	0.1	−0.3
Phoenix	66	−4	0	−T.
Yuma	68	−4	0	−T.
Tonopah	46	−4	0.1	−0.3
Modena	44	−6	0.1	−0.1
Salt Lake City	48	−5	1.3	+0.8
Reno	48	−2	T.	−0.2
Winnemucca	46	−3	T.	−0.2
Pocatello	48	−2	0.2	−0.5
Boise	50	−3	0.4	+0.2
Baker	46	0	T.	−0.3
Walla Walla	56	0	0.2	−0.2
Spokane	50	−2	0.6	+0.3
Missouri Valley.				
Springfield, Mo.	62	+2	0.4	−0.7
Columbia, Mo.	62	+3	0.2	−0.8
Kansas City	60	+1	0.1	−0.7
St. Joseph	60	.....	0.1	.....
Topeka	60	+1	0.3	−0.4
Iola	62	+3	0.9	+0.1
Wichita	60	−1	0.6	−0.2
Dodge City	62	+4	1.3	+0.9
Concordia	58	0	0.9	+0.3
North Platte	56	+3	0.7	+0.1
Lincoln	56	0	0.1	−0.8
Omaha	58	+2	T.	−0.9
Sioux City	58	+4	0.2	−0.6
Valentine	52	+2	0.4	−0.3
Rapid City	50	+2	T.	−0.6
Huron	54	+4	0.4	−0.4
Moorhead	52	+5	0.4	−0.2
Devils Lake	50	+5	0.6	+0.1
Bismarck	52	+4	0.7	+0.2
Williston	48	0	0.2	−0.2
Pacific Coast.				
Tatoosh Island	48	0	0.4	−0.9
Seattle	52	0	0.3	−0.3
North Head	46	−3	0.2	−0.5
Portland, Oreg	54	0	0.5	−0.1
Roseburg	54	+1	0.1	−0.3
Eureka	50	0	0.1	−0.7
Red Bluff	60	−2	0.4	0
Sacramento	58	−2	T.	−0.3
San Francisco	56	+1	T.	−0.2
Fresno	60	−4	0	−0.3
San Luis Obispo	54	−2	T.	−0.5
San Diego	60	+1	T.	−0.2
Lake Region.				
Canton	50	+2	0.6	+0.1
Syracuse	50	0	0.9	+0.3
Oswego	46	−3	0.4	−0.1
Buffalo	46	−2	0.1	−0.5
Erie	50	0	0.2	−0.4
Cleveland	50	−1	0.1	−0.5
Toledo	54	+1	0.3	−0.3
Detroit	54	+3	0.2	−0.4
Saginaw	50	0	0.1	−0.7
Alpena	46	+2	0.1	−0.6
Grand Rapids	54	+2	T.	−0.6
Chicago	54	+2	0	−0.7
Fort Wayne	56	.....	0.2	.....
Milwaukee	52	+4	0	−0.6
Green Bay	52	+5	0	−0.7
Escanaba	46	+3	T.	−0.6
Ludington	46	.....	T.	.....
Sault Ste. Marie	40	−1	0.1	−0.5
Marquette	46	+3	0.1	−0.5
Duluth	46	+5	0.2	−0.4
Argentina, S. A.*				
Northern wheat area	57	−4	0	−0.8
Southern wheat area	54	−3	0.2	−0.4

* For week ending Monday. T. indicates trace.

Chart 1.—Departure of Mean Temperature from the Normal, Week Ending 8 a. m., May 1, 1923.

Chart 2.—Precipitation, Inches, Week Ending 8 a. m. May 1, 1923.

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